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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Robert J. McMillen et al. Examiner: Le Hien Luu
Serial No.: Group Art Unit: 2152
Filed: February 14, 2001 Docket: 5104.05
Title: MULTICAST TRANSMISSIONS IN A MULTISTAGE INTERCONNECT NETWORK



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By: Isabell Ogata
Name: Isabell Ogata

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Submitted herewith are 35 sheets of Formal Drawings for the above-identified patent application.

Respectfully submitted,

Robert J. McMillen et al.

By their attorneys,

GATES & COOPER LLP

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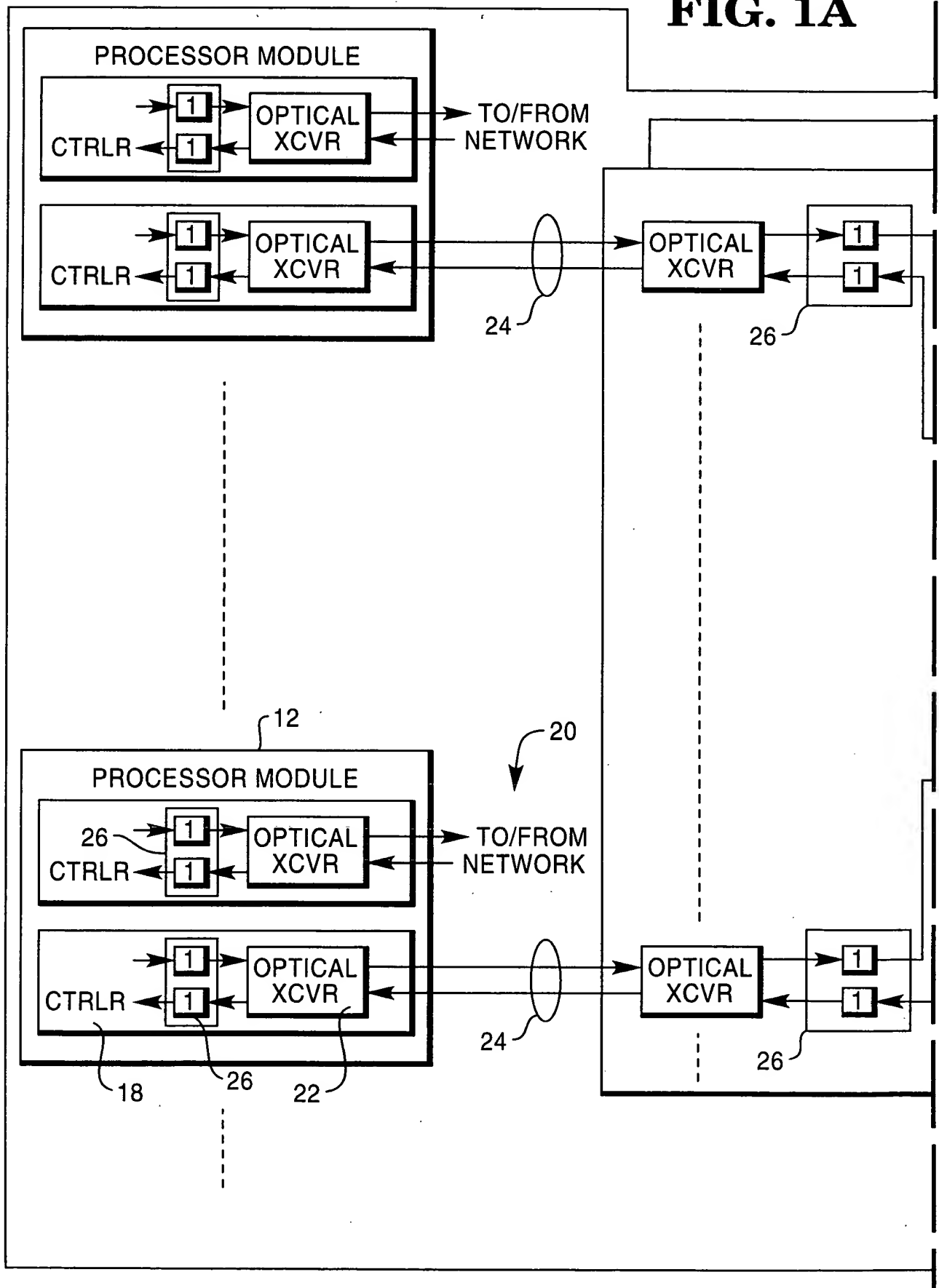
Date: February 14, 2001

By: George H. Gates
Name: George H. Gates
Reg. No.: 33,500

GHG/io

SCANNED # 14

FIG. 1A



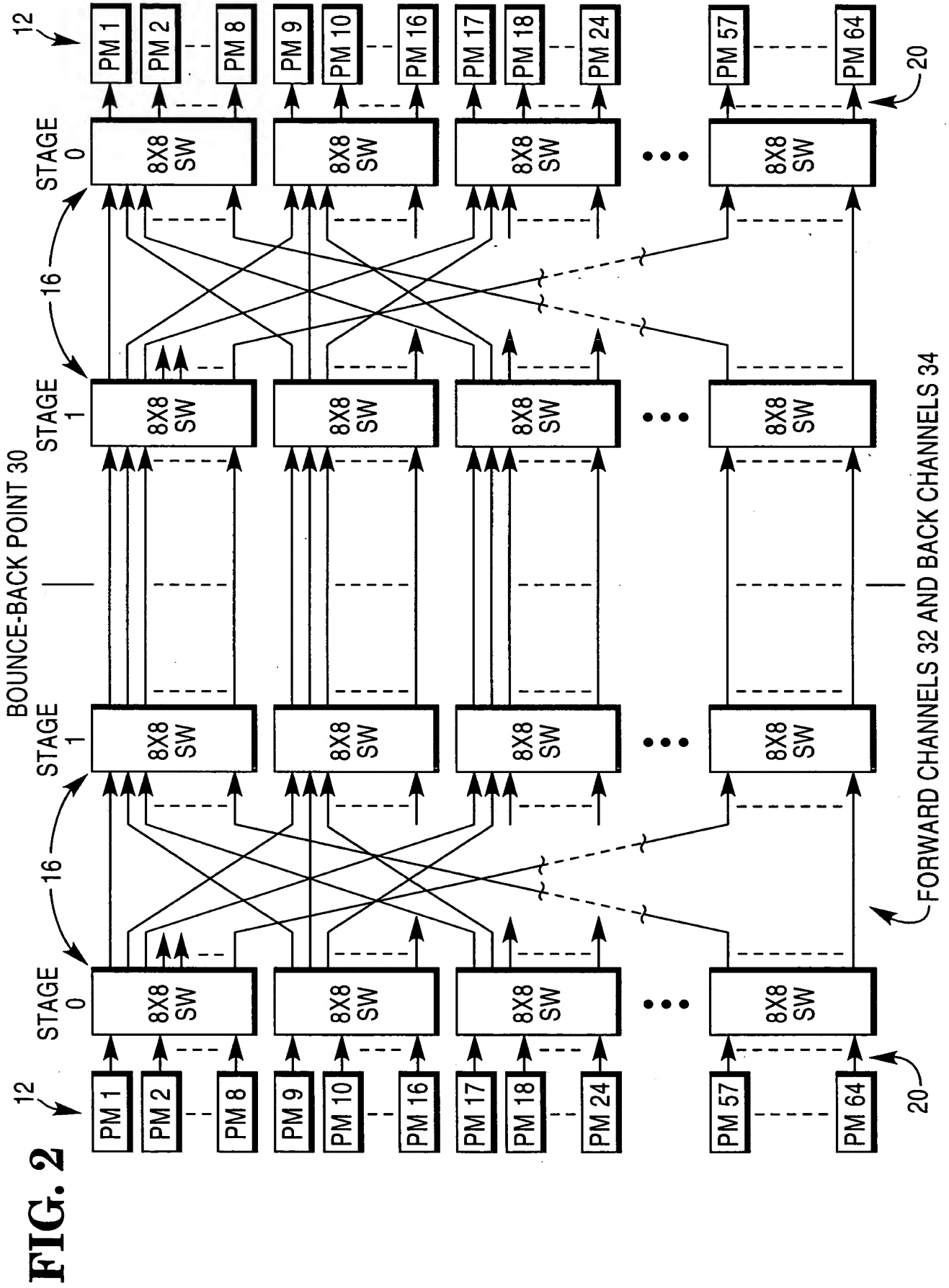


FIG. 3

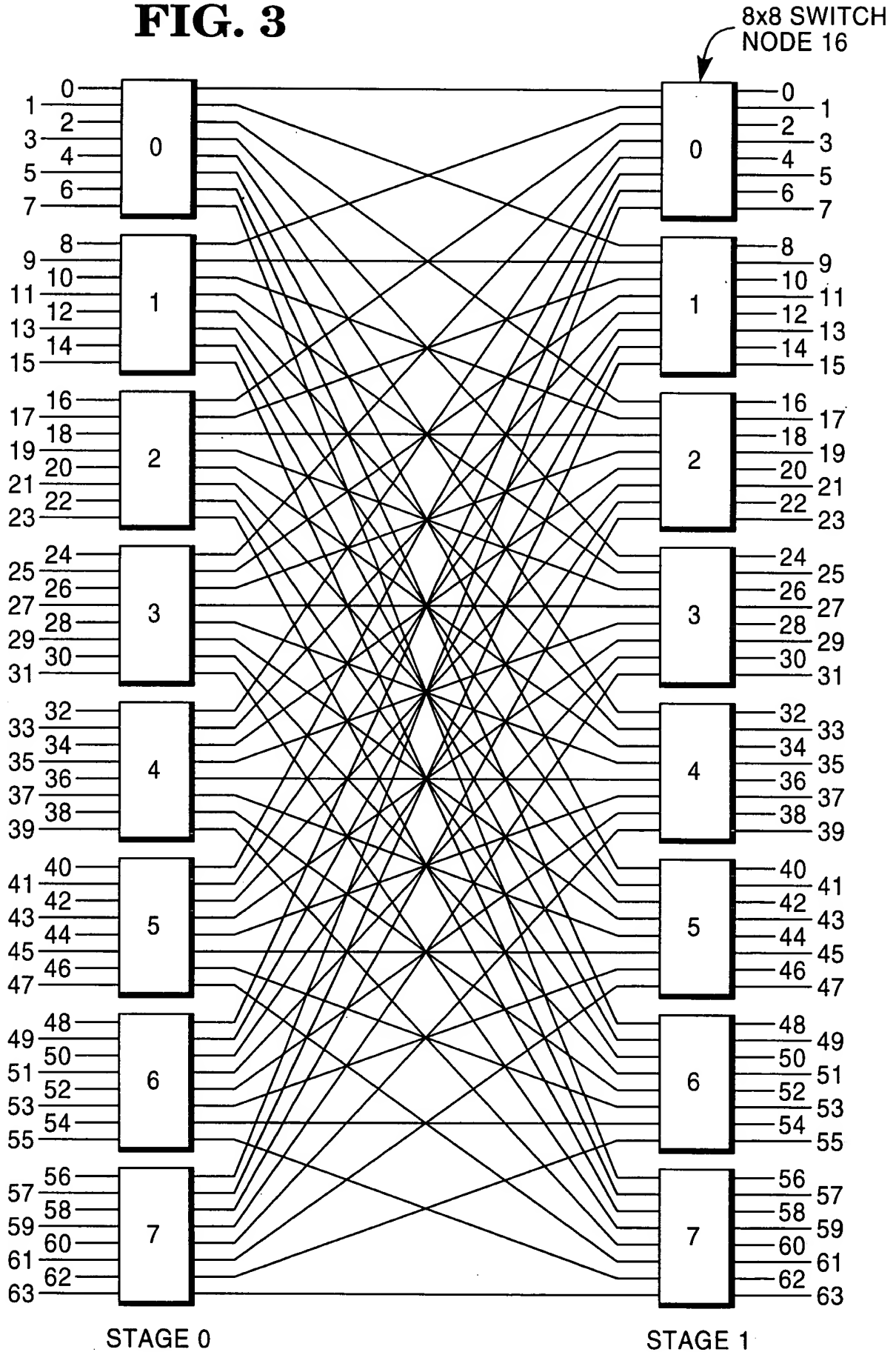
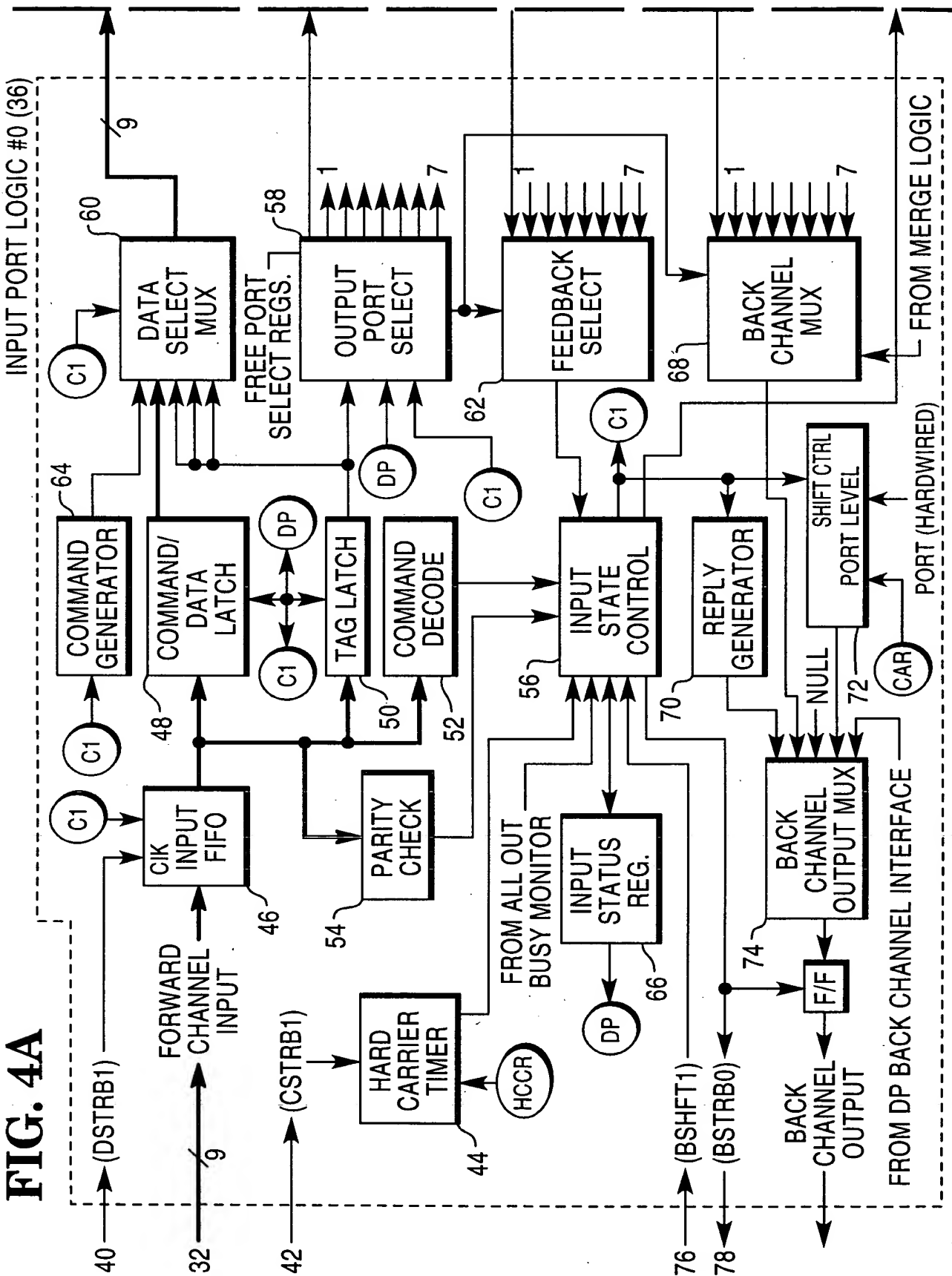


FIG. 4A



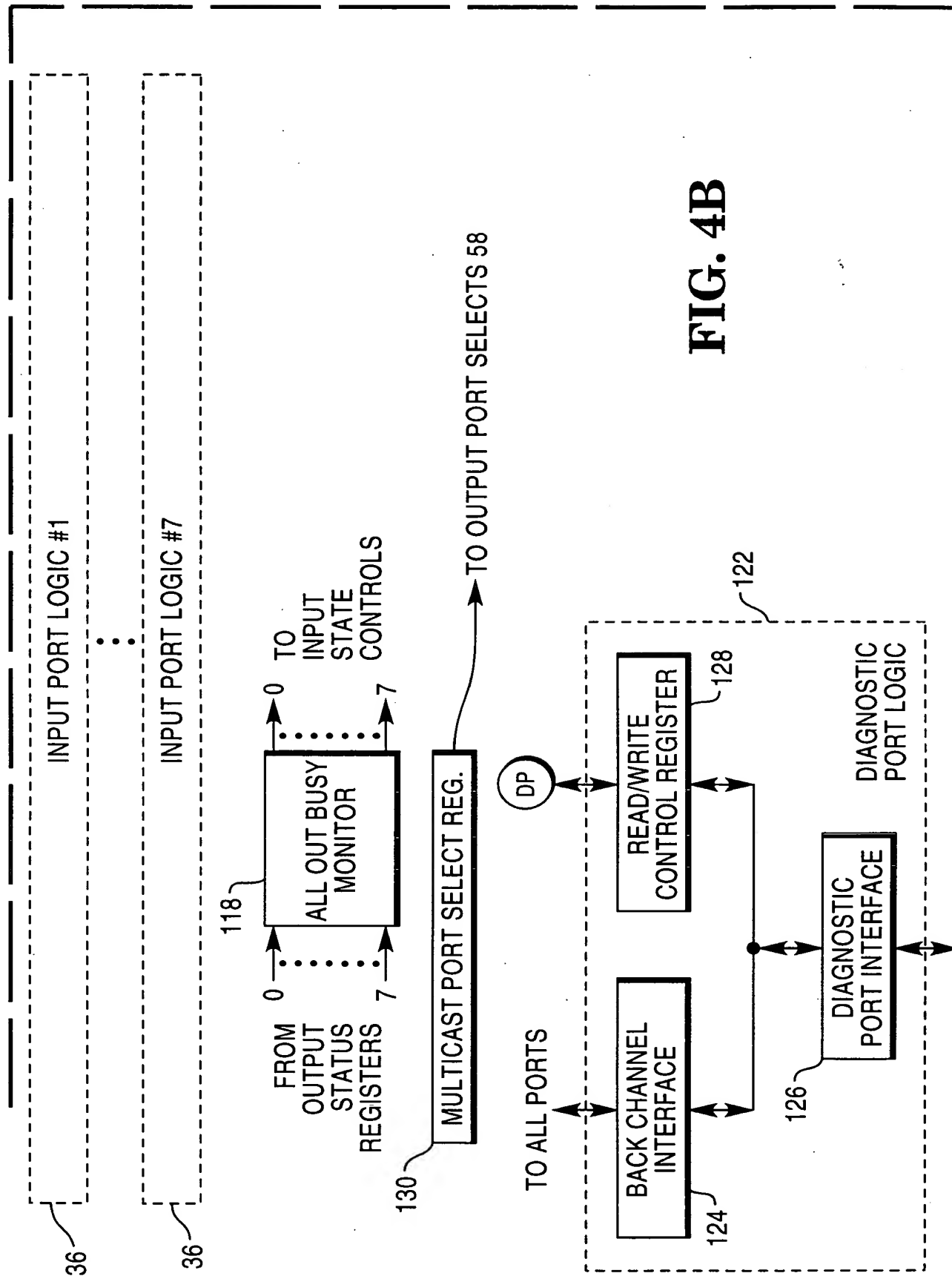
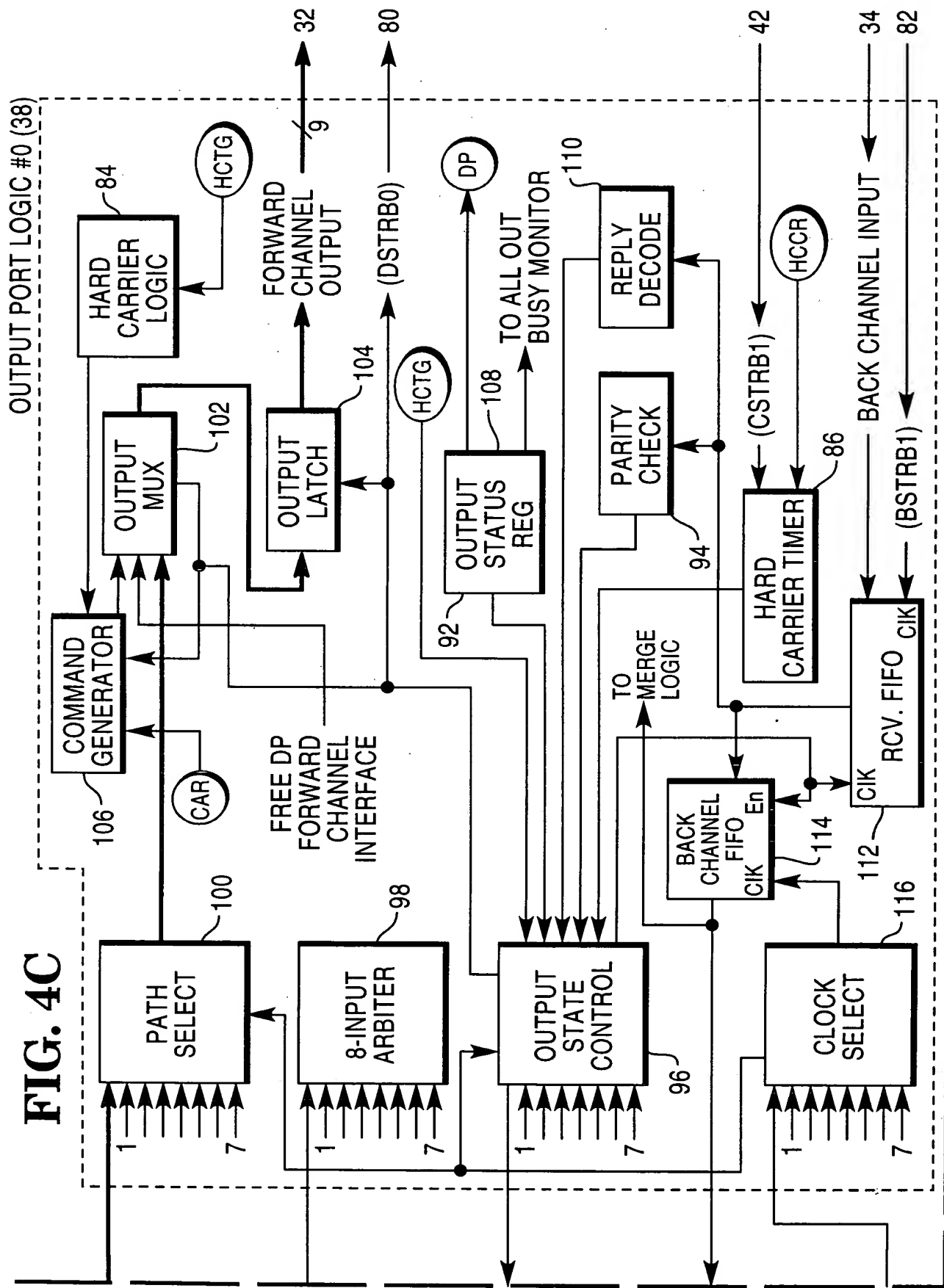


FIG. 4B

FIG. 4C



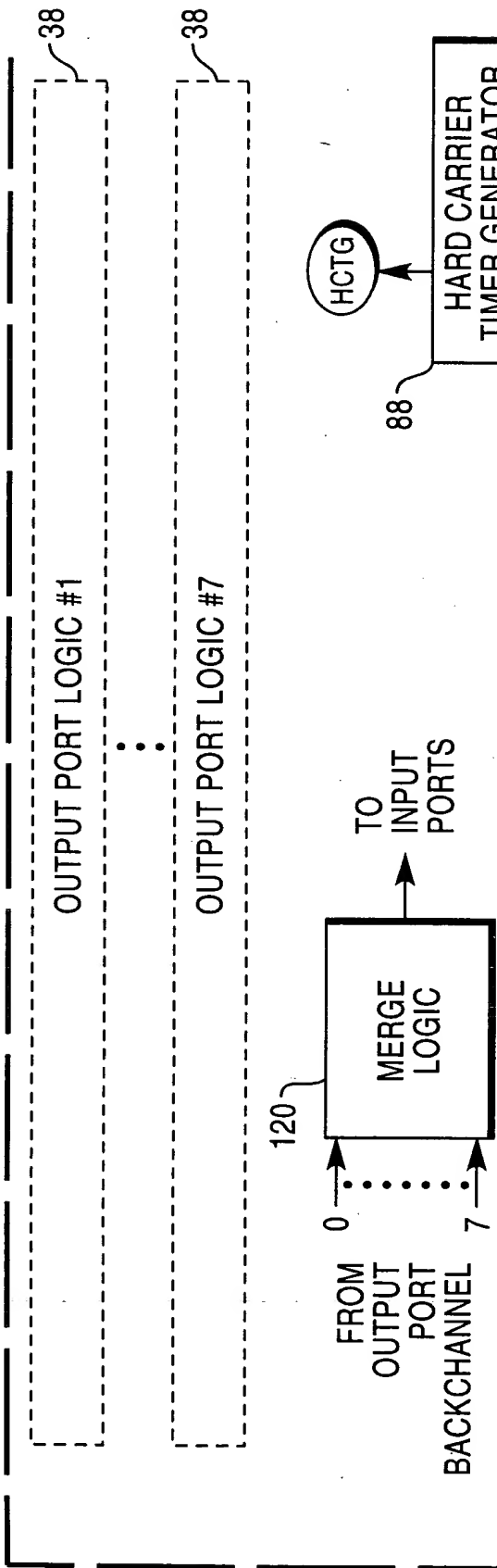


FIG. 4D

FIG. 4

FIG. 4A	FIG. 4C
FIG. 4B	FIG. 4D

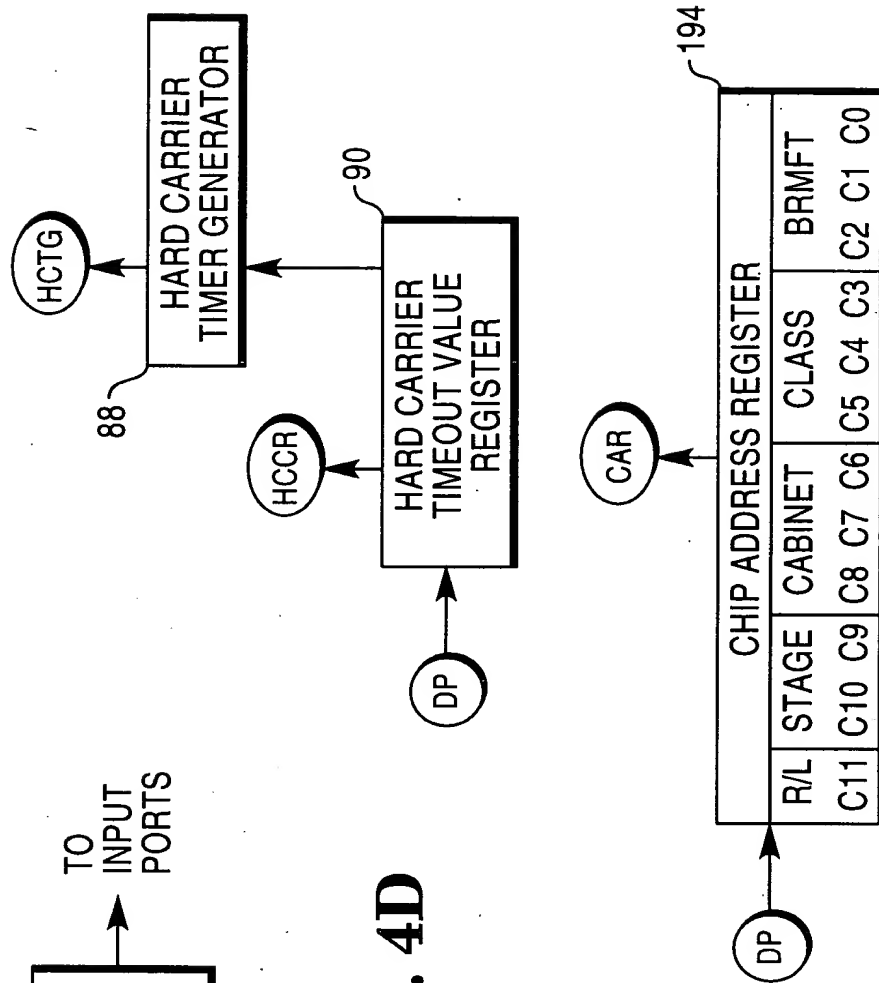


FIG. 5

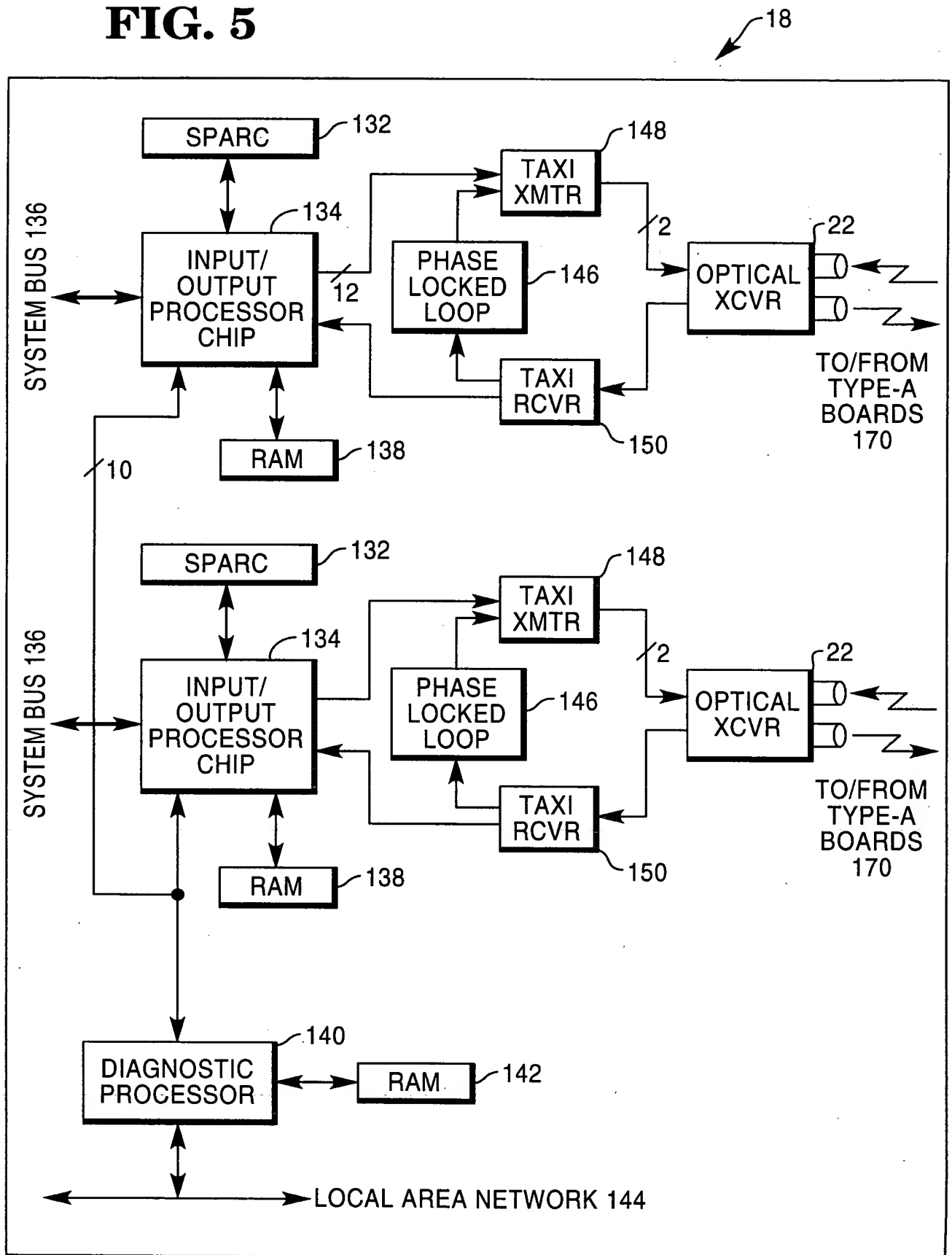


FIG. 6A

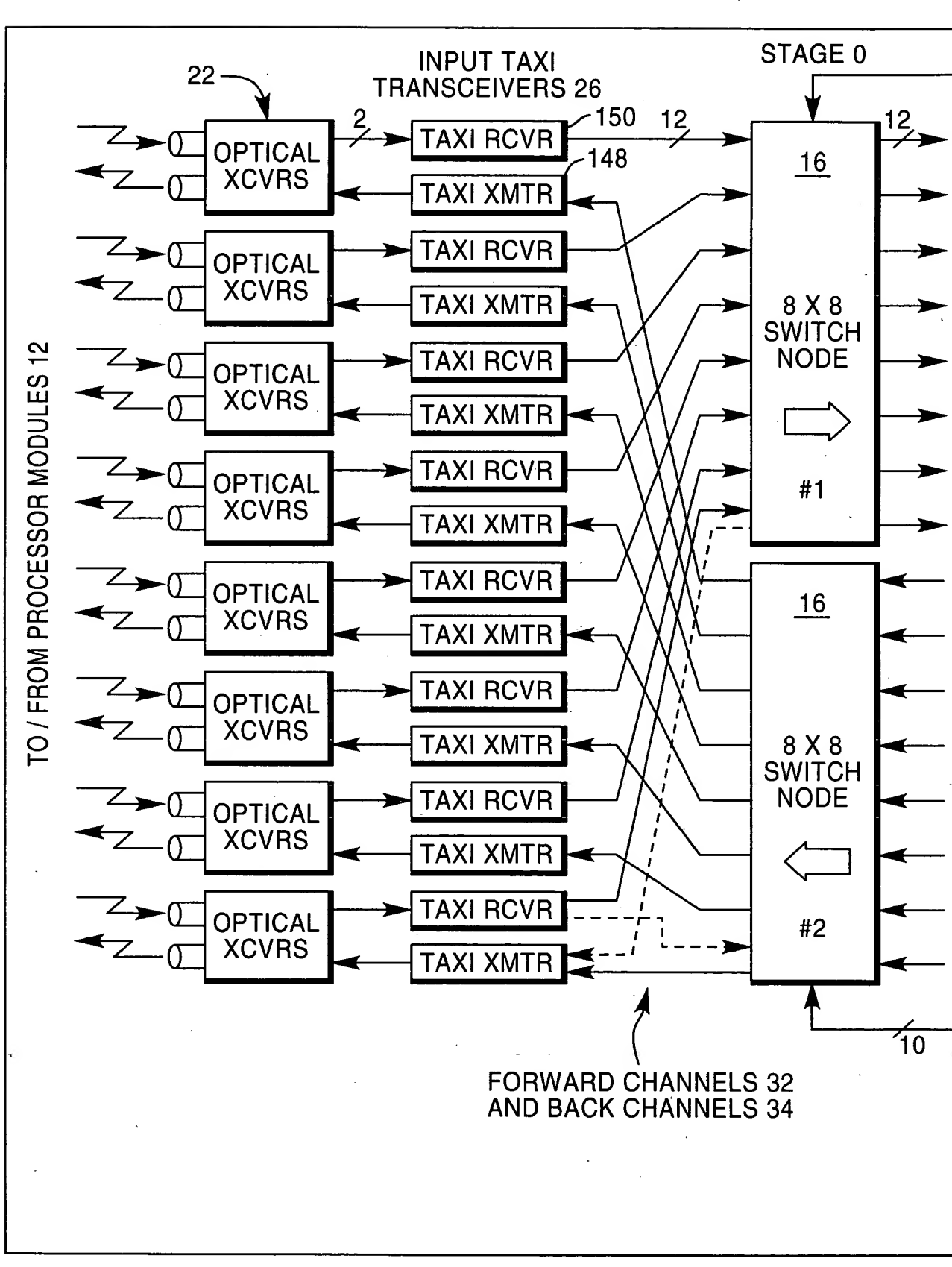


FIG. 6B

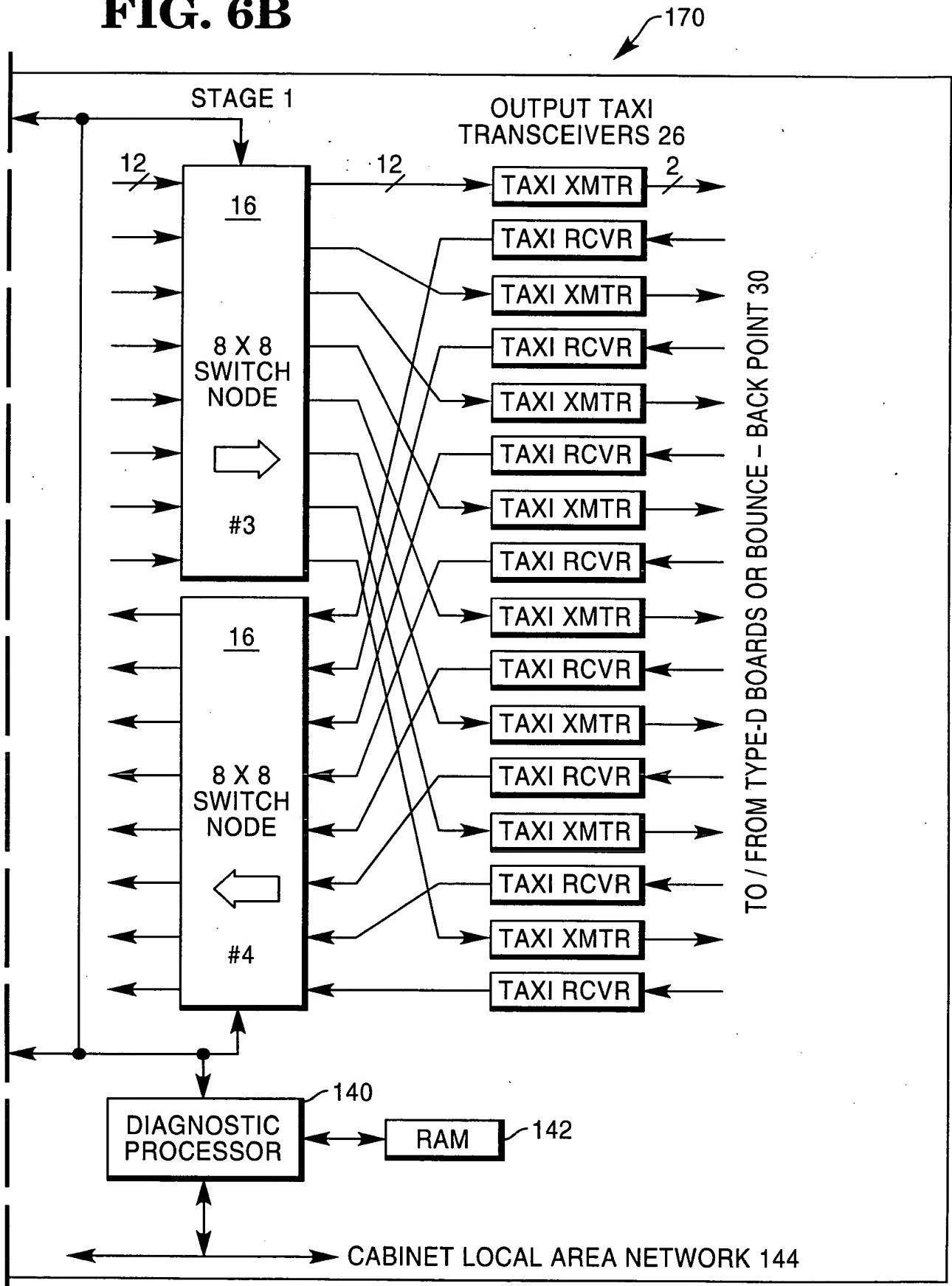
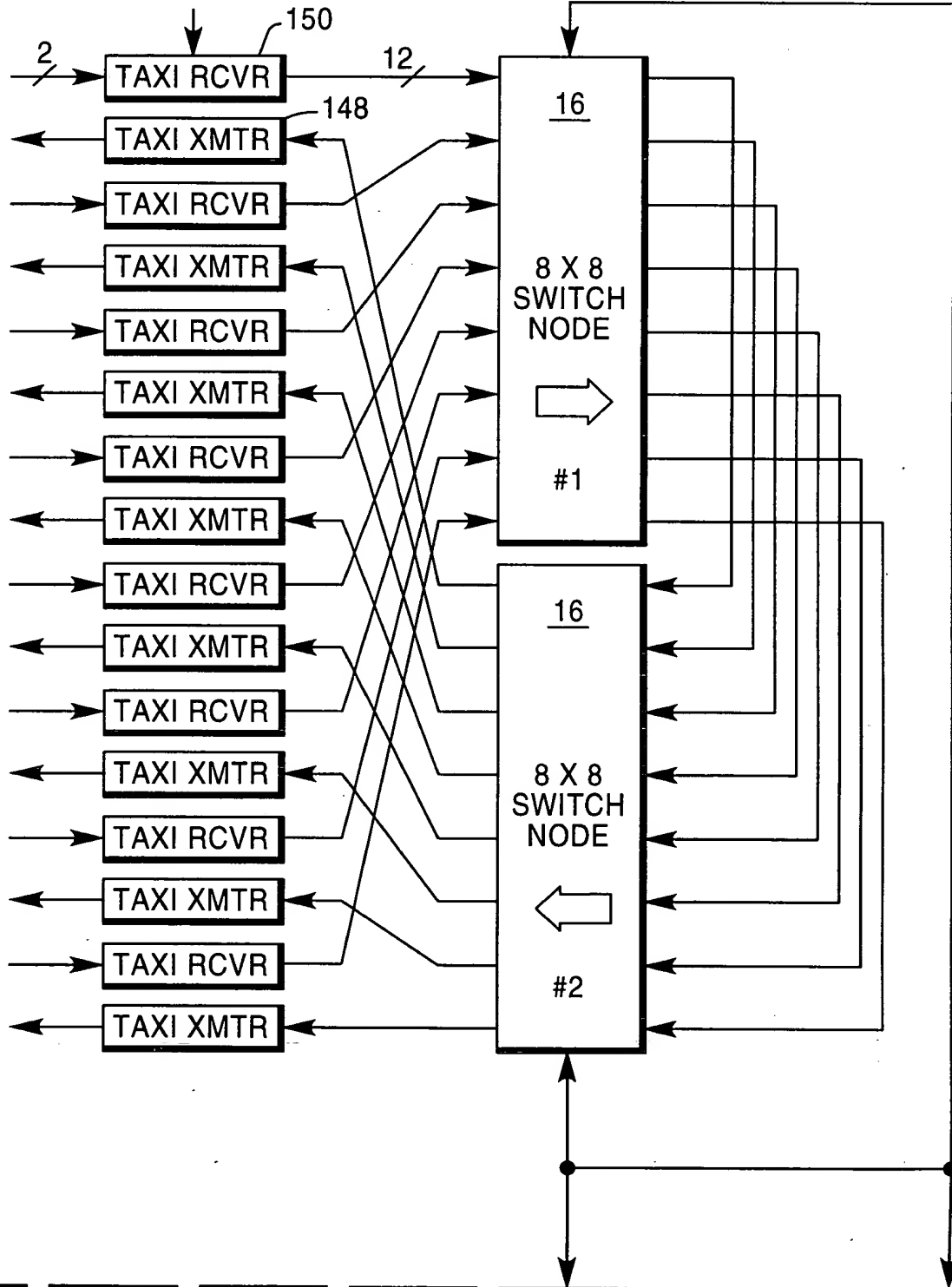


FIG. 7A

TAXI TRANSCEIVERS 26

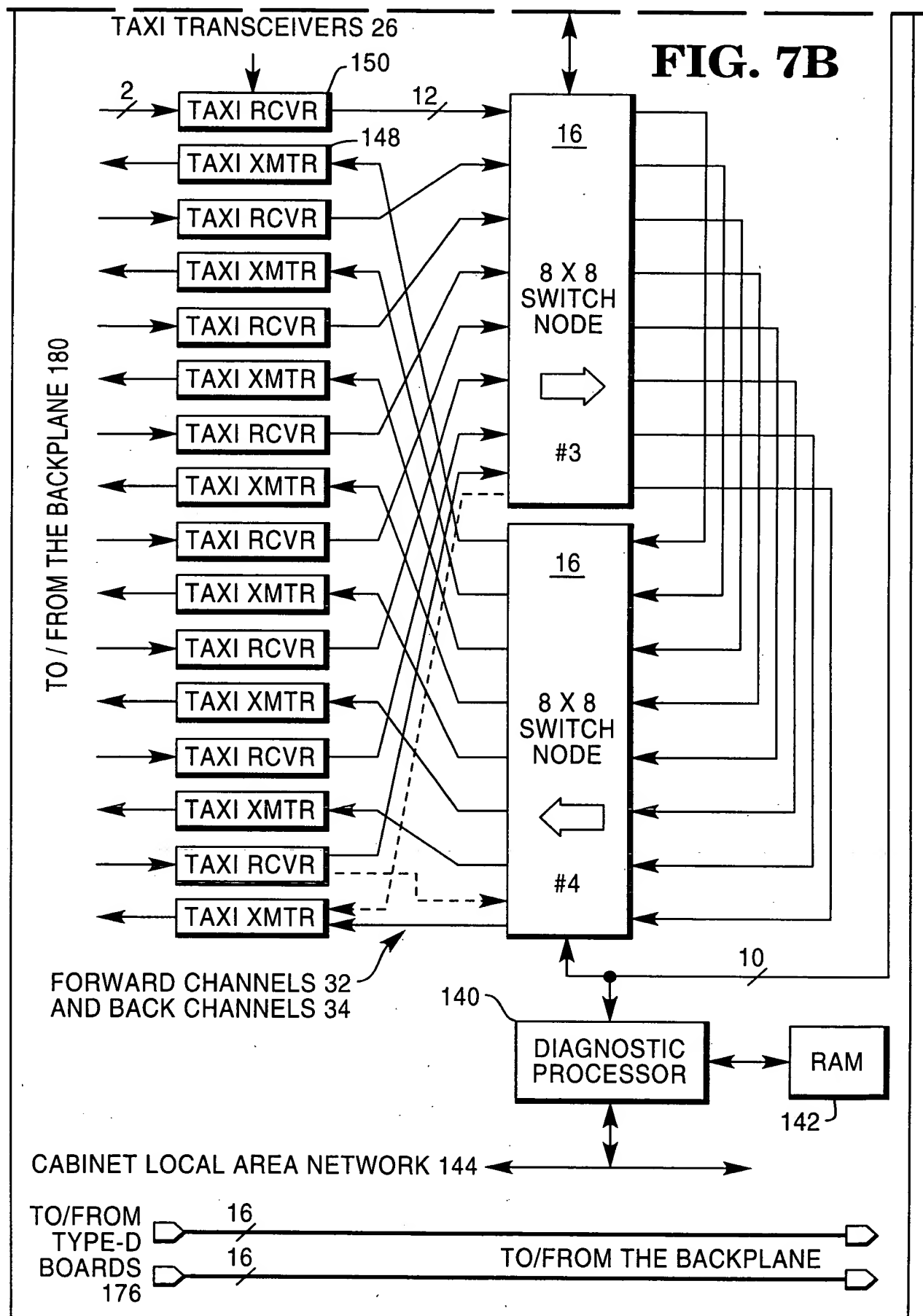
STAGE 2

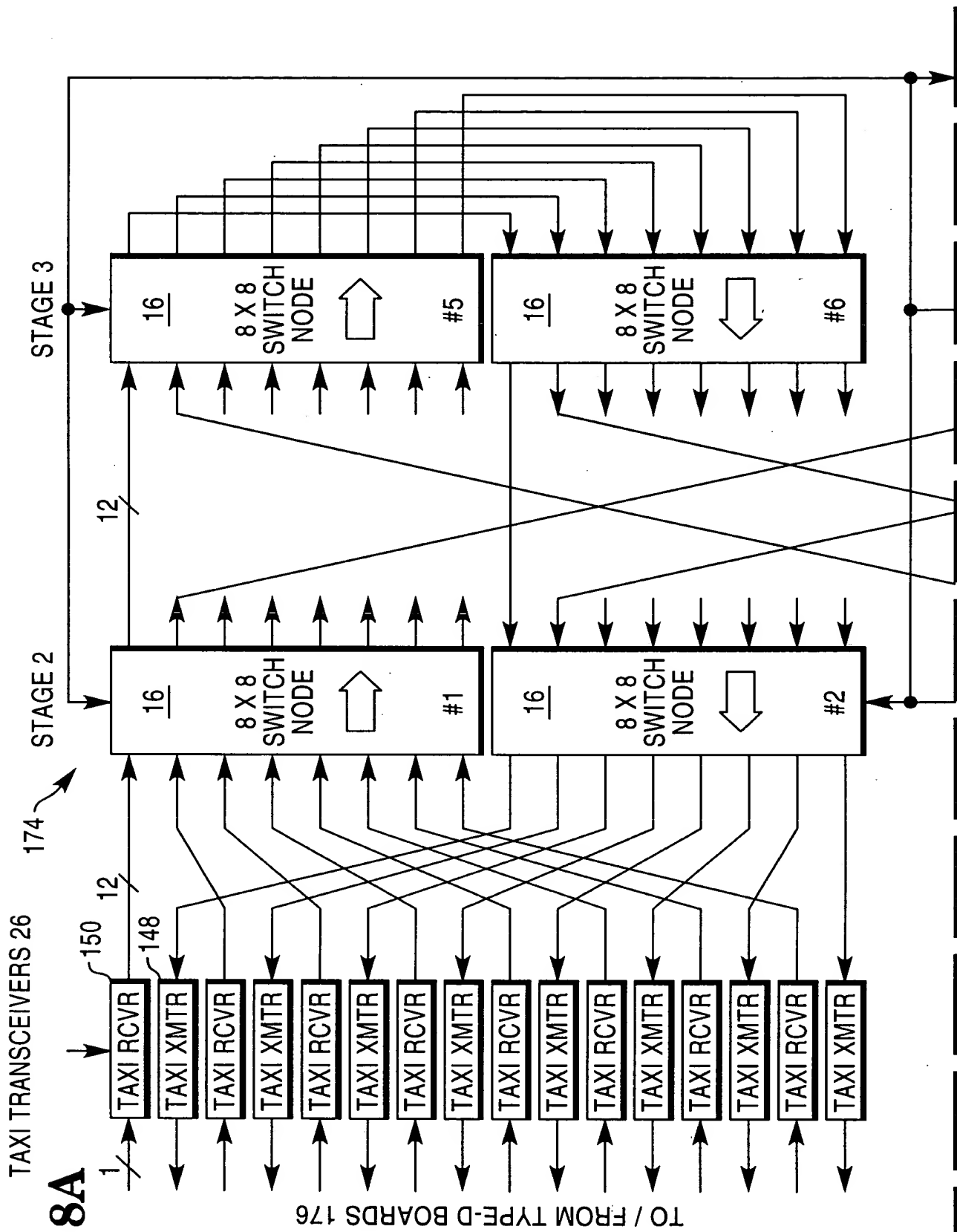
TO / FROM THE BACKPLANE 180



172

FIG. 7B





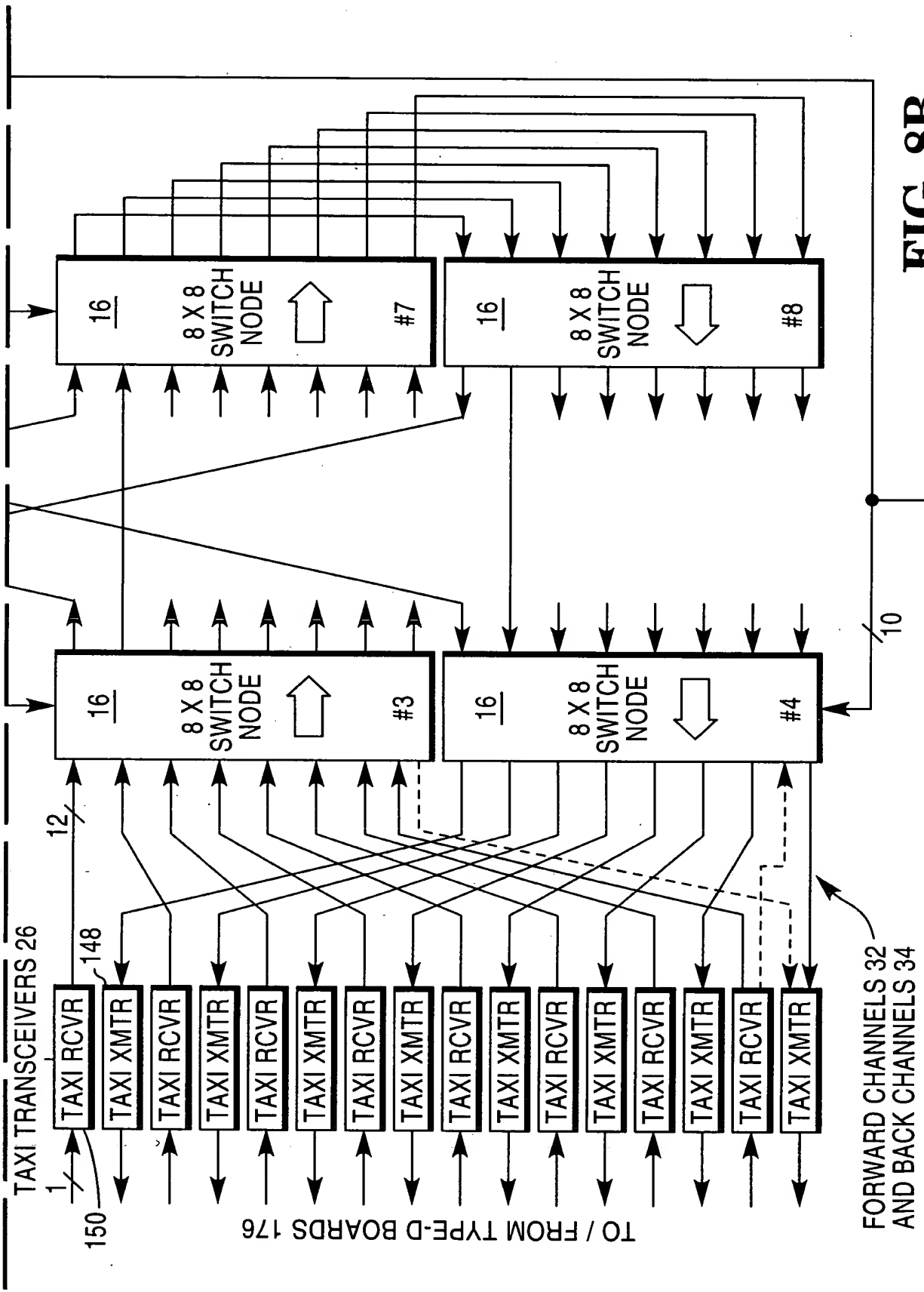


FIG. 8B

FIG. 8C

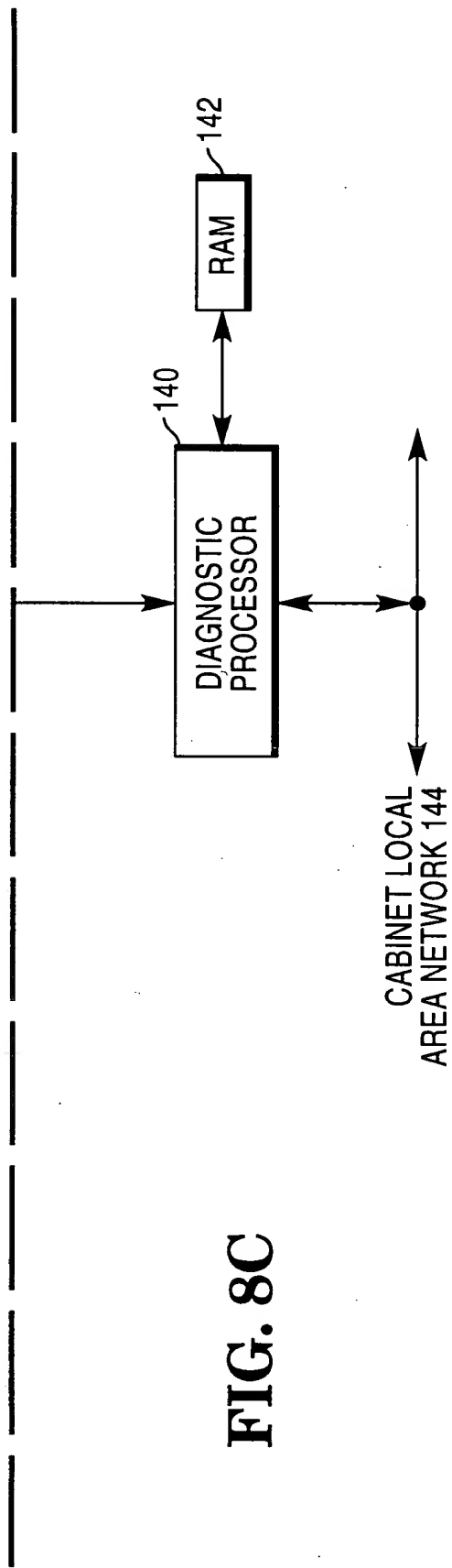


FIG. 8

FIG. 8A
FIG. 8B
FIG. 8C

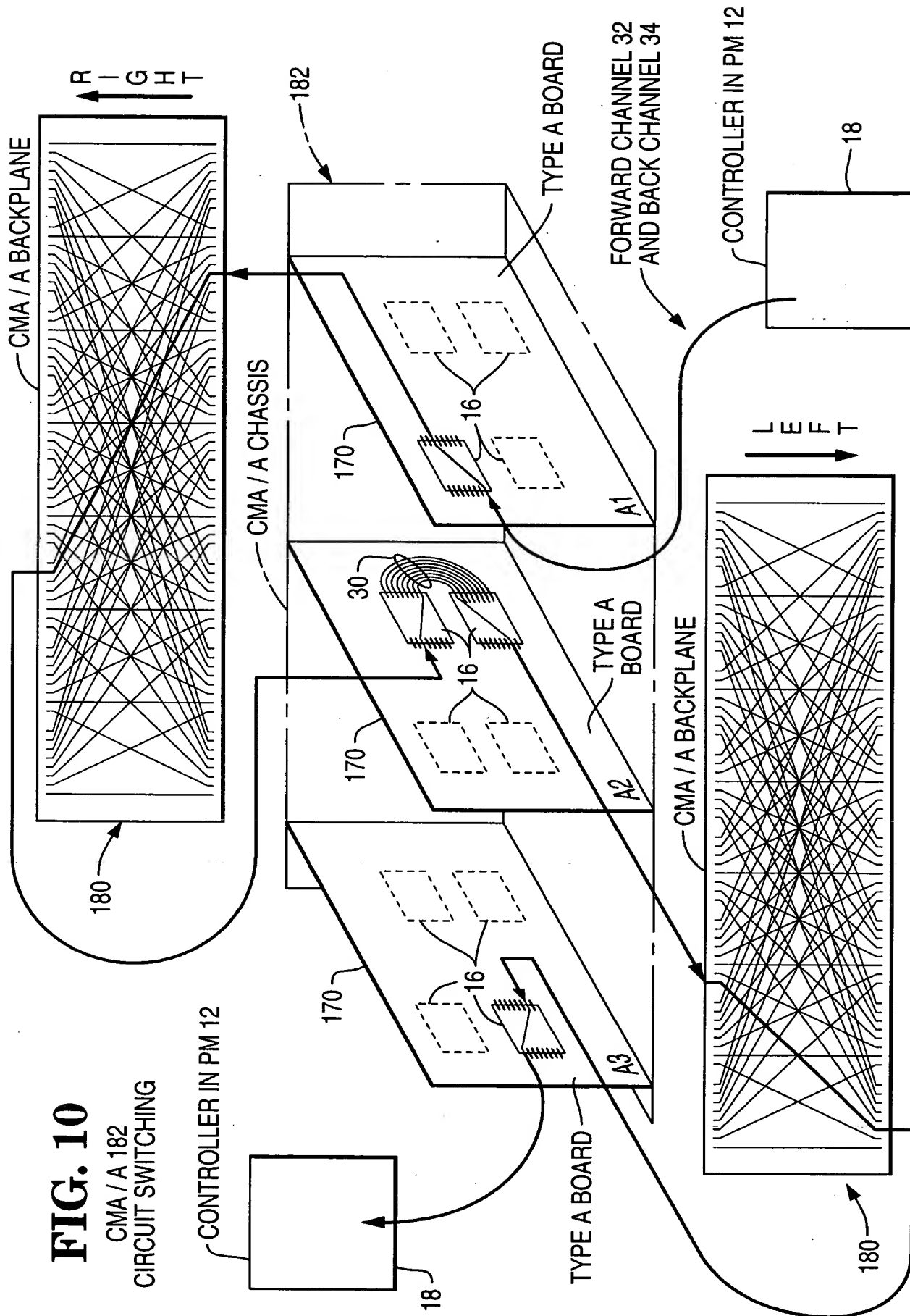
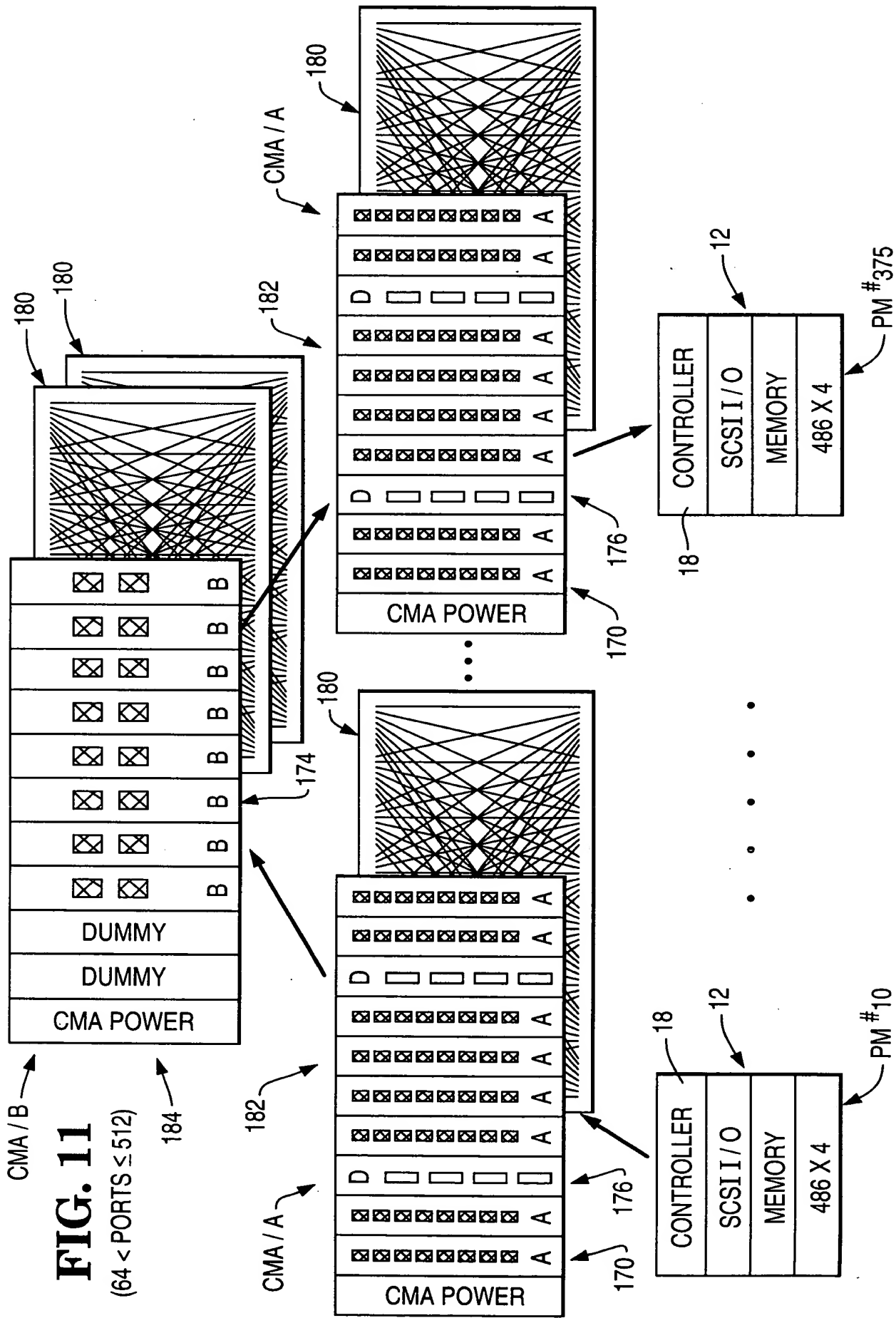


FIG. 10
CMA / A 182
CIRCUIT SWITCHING



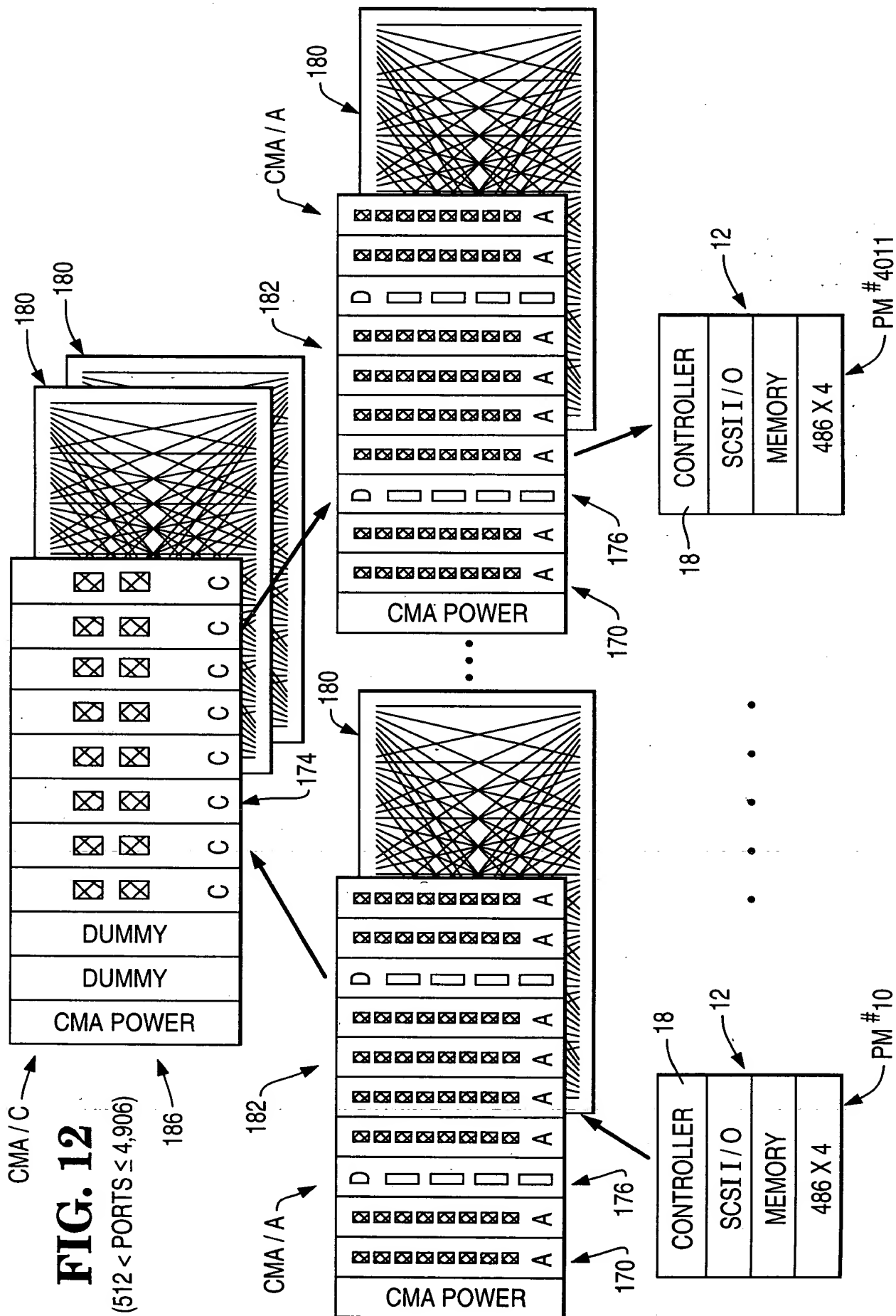
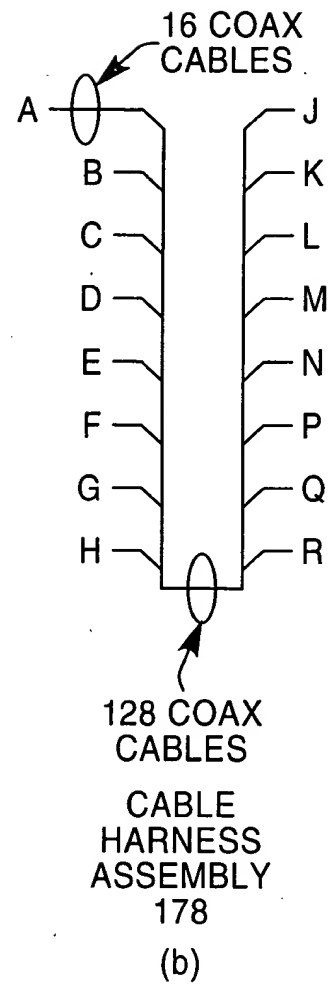
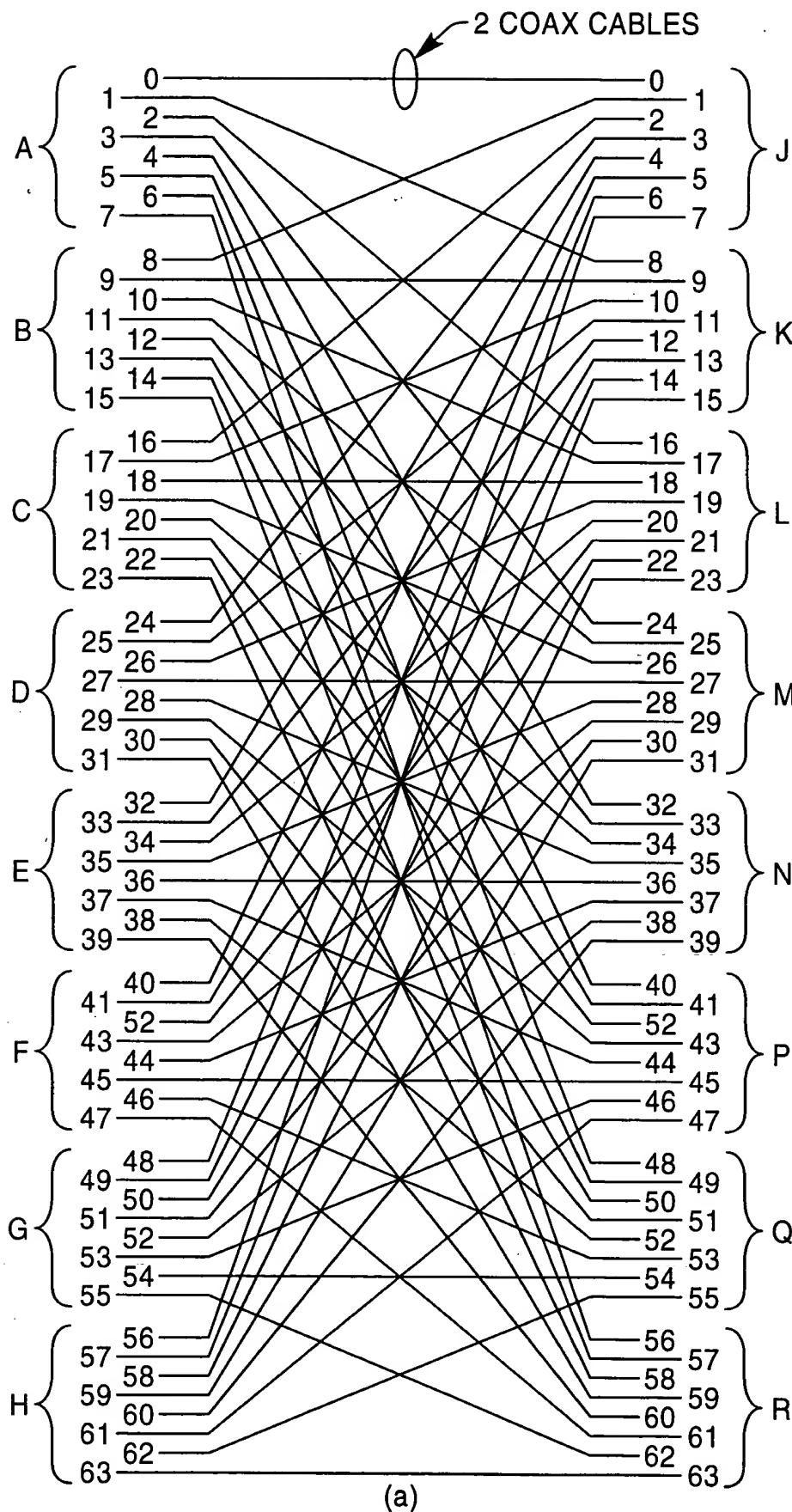


FIG. 13

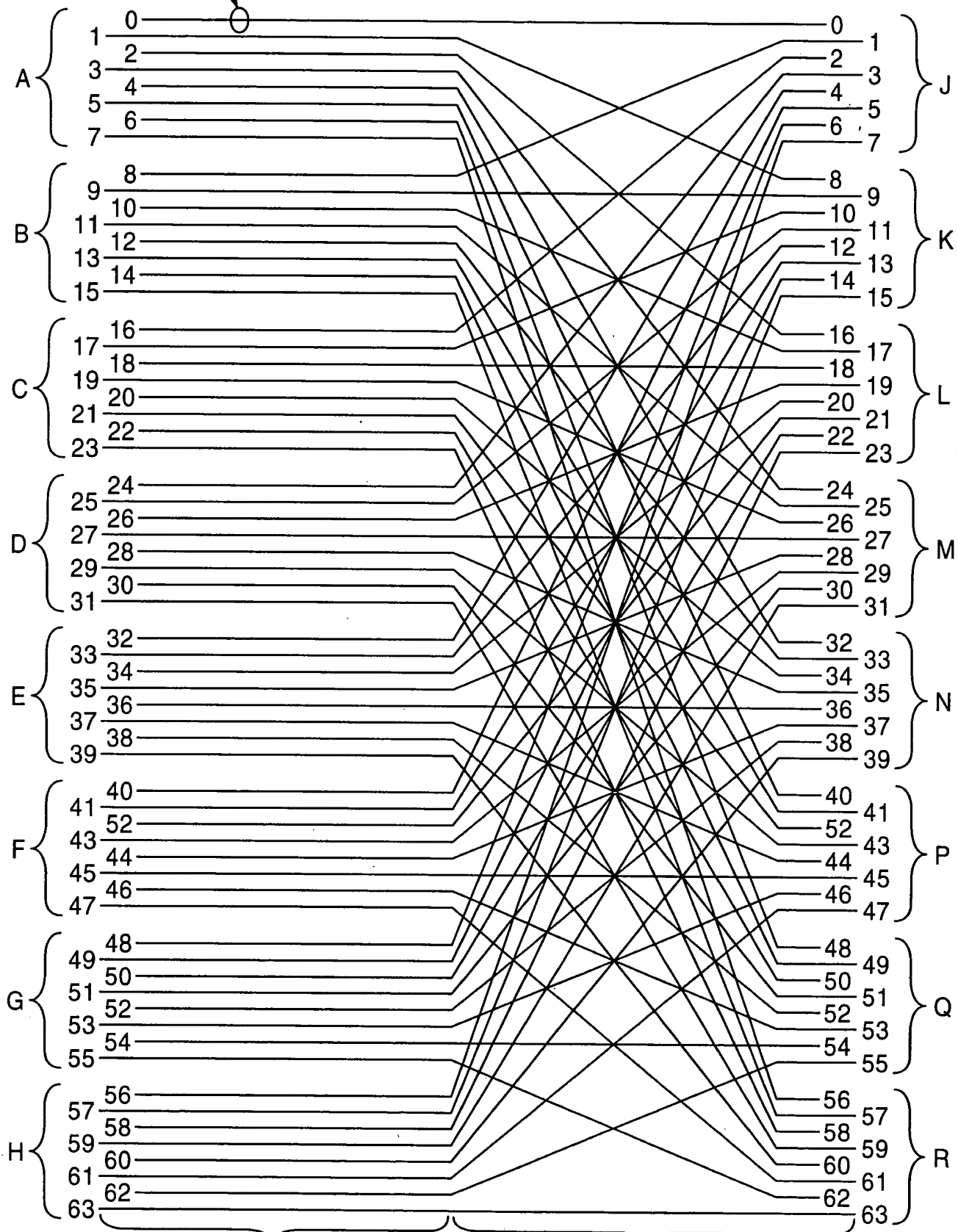


(a)

(b)

2 COAX
CABLES

FIG. 14



EIGHT, 16-CABLE BUNDLES

WIRES EMBEDDED
IN THE BACKPLANE 180

FIG. 15

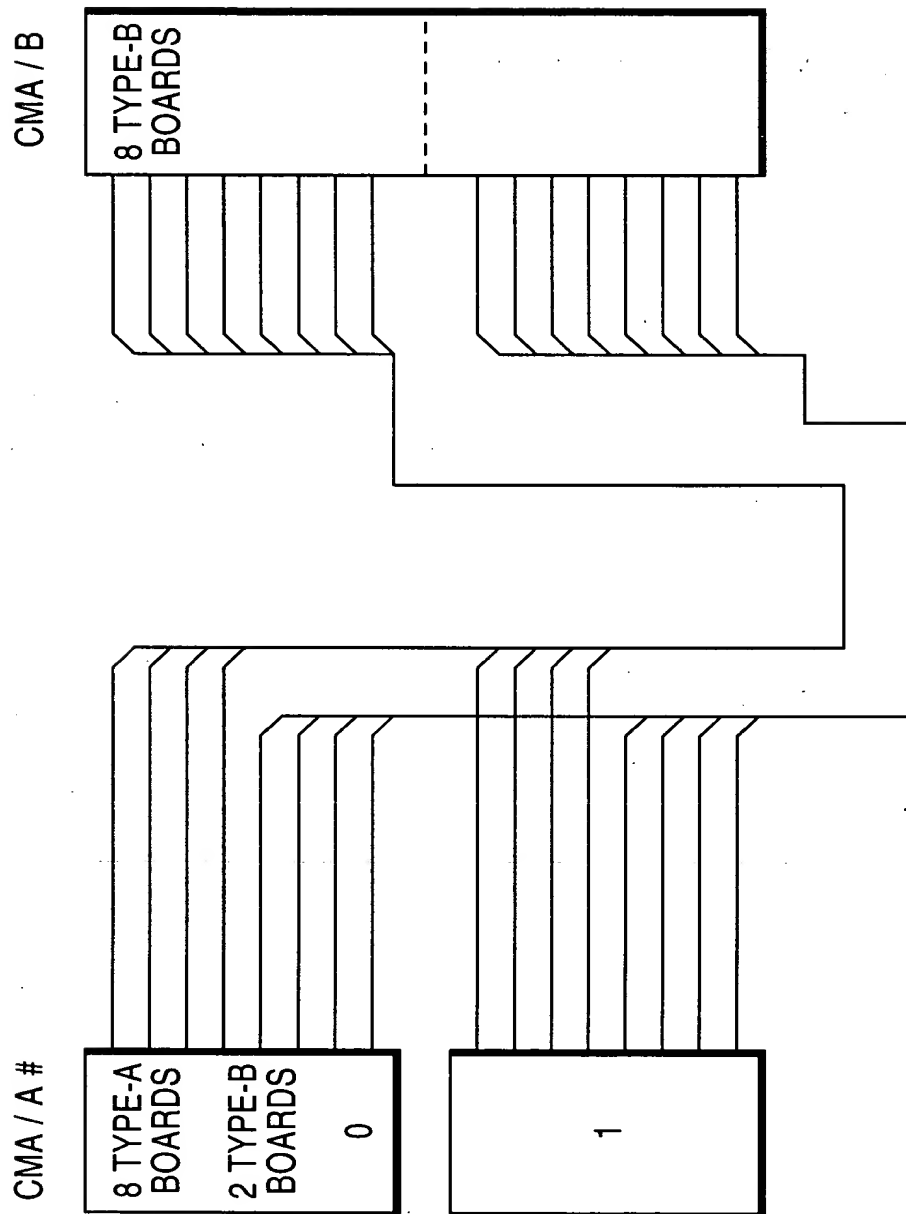


FIG. 16

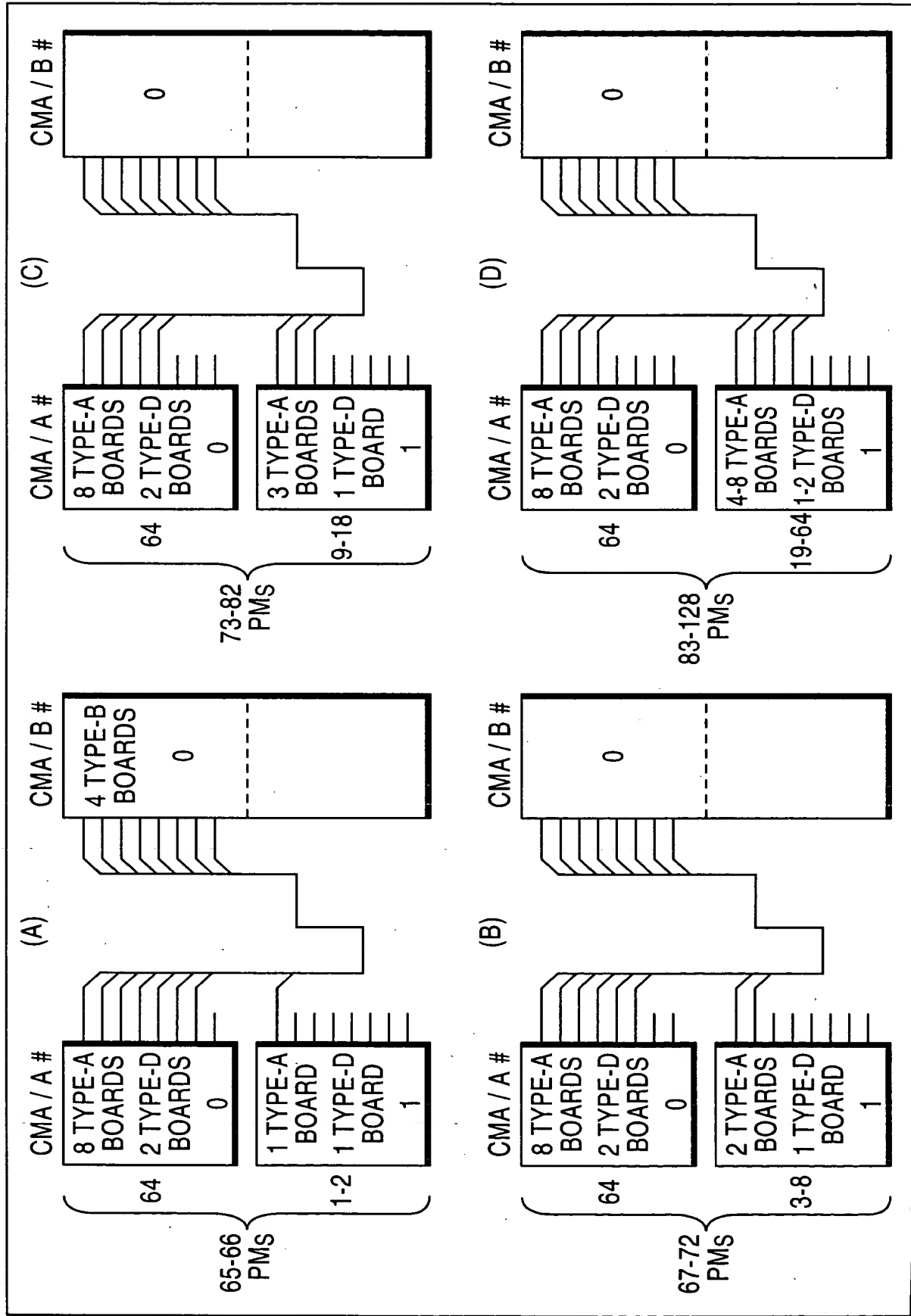
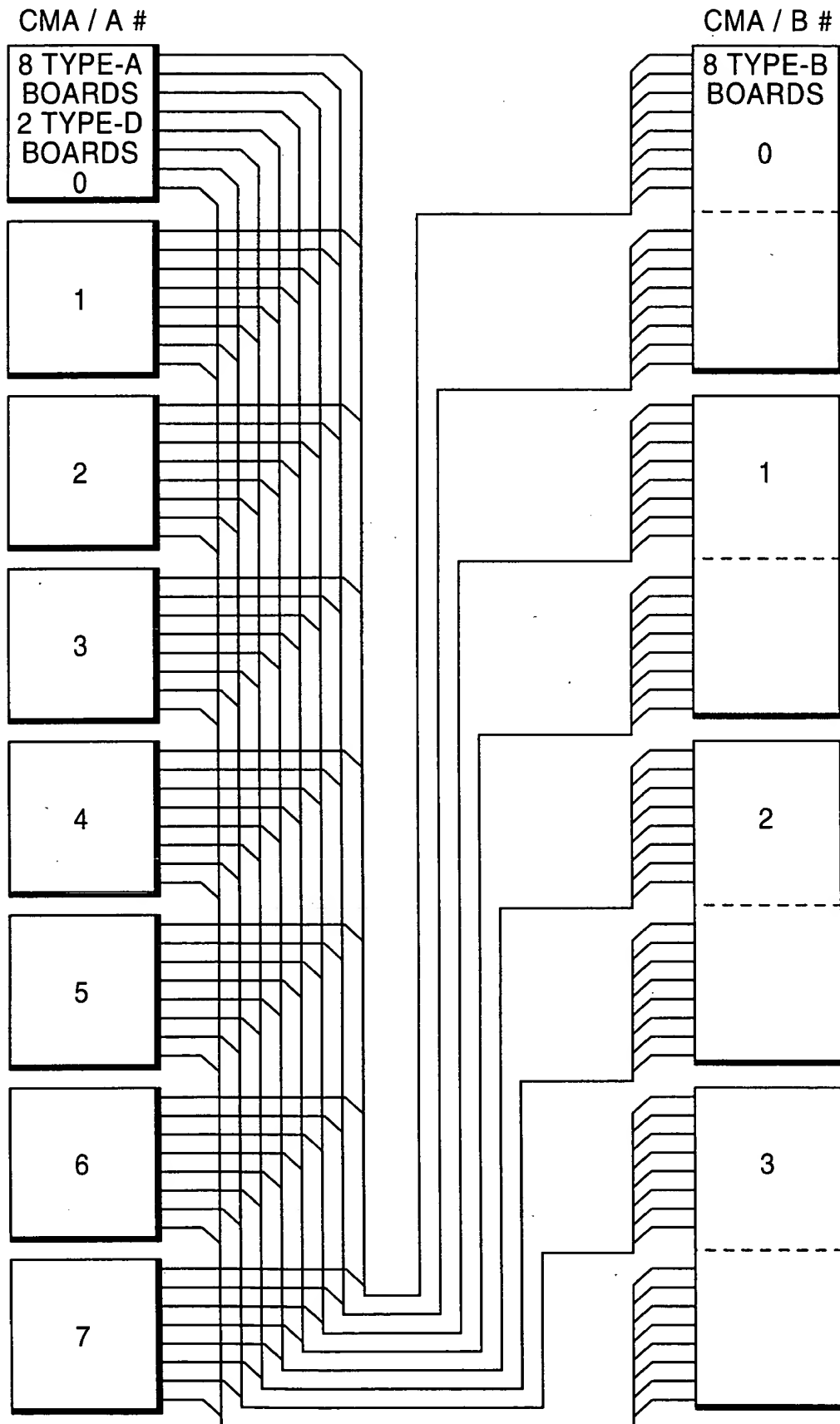


FIG. 17



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FIG. 18

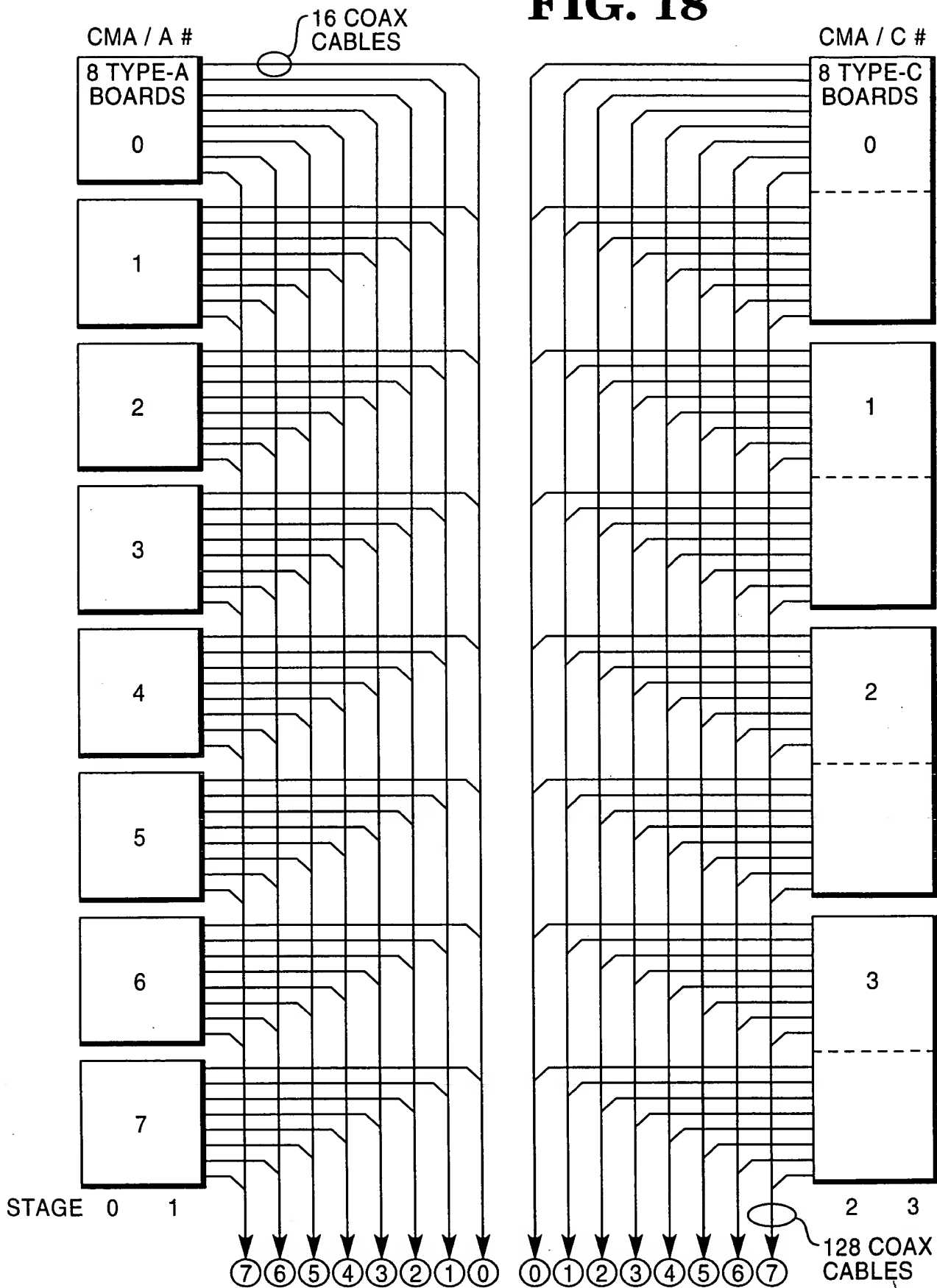


FIG. 19

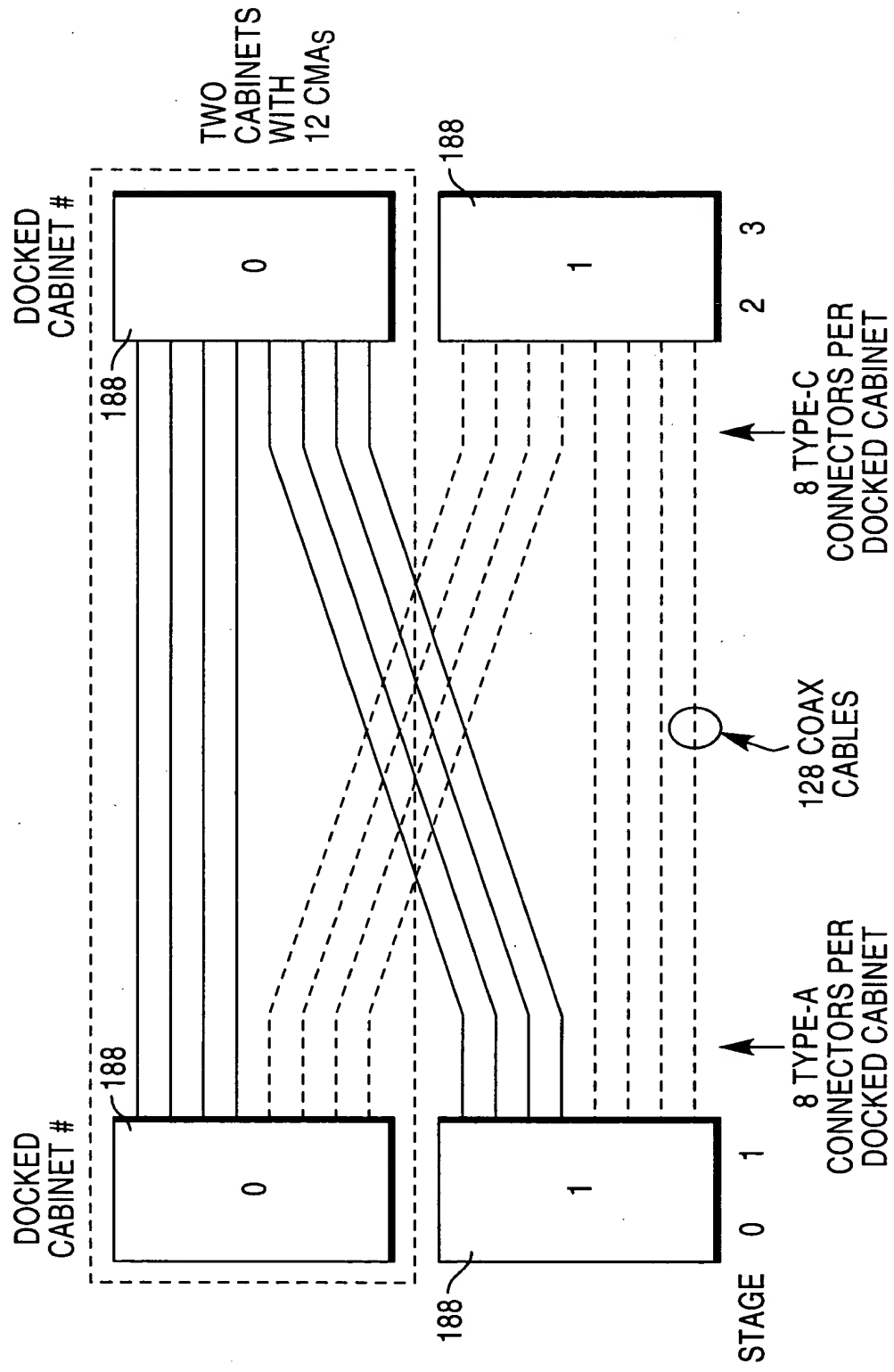


FIG. 20

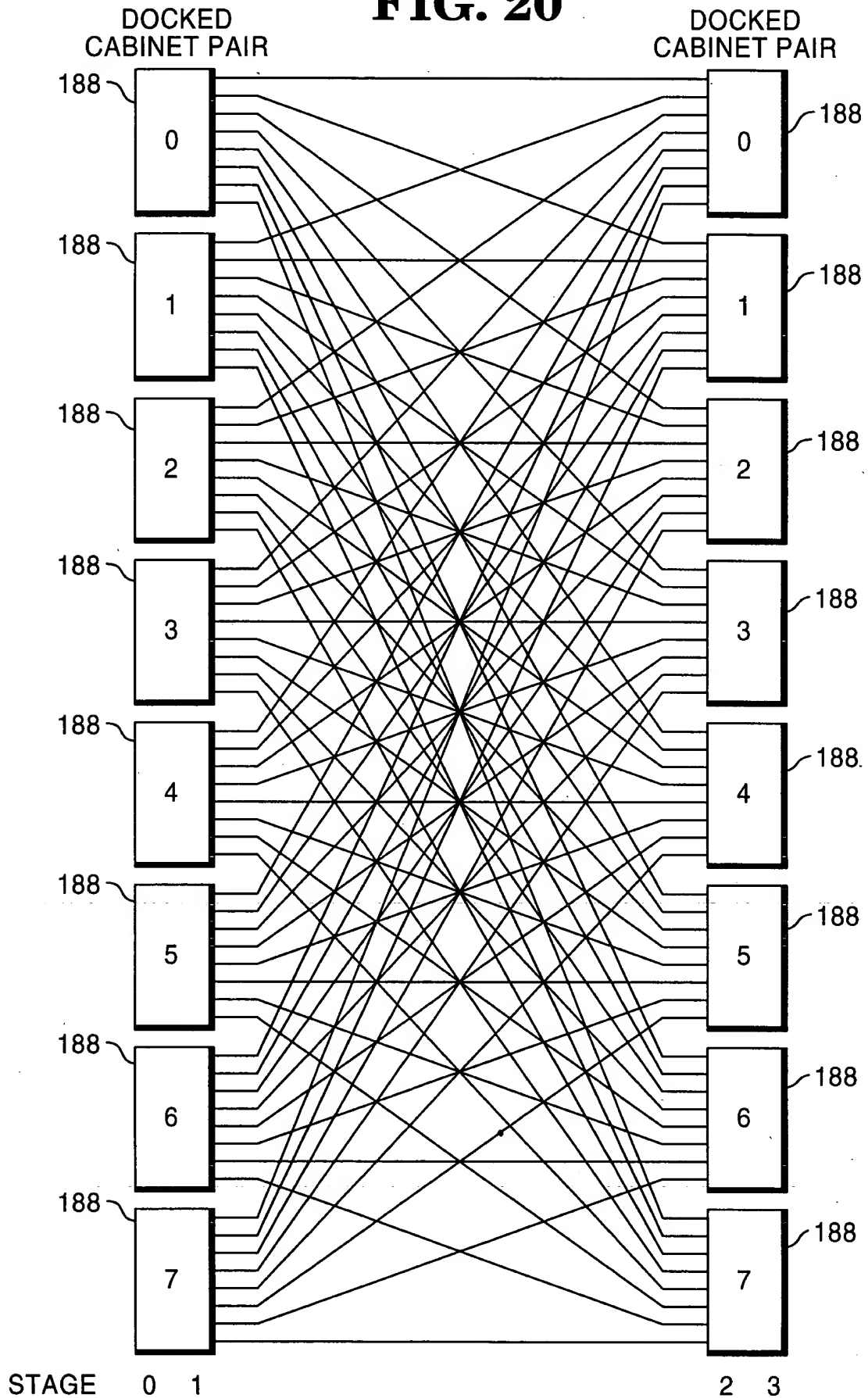


FIG. 21

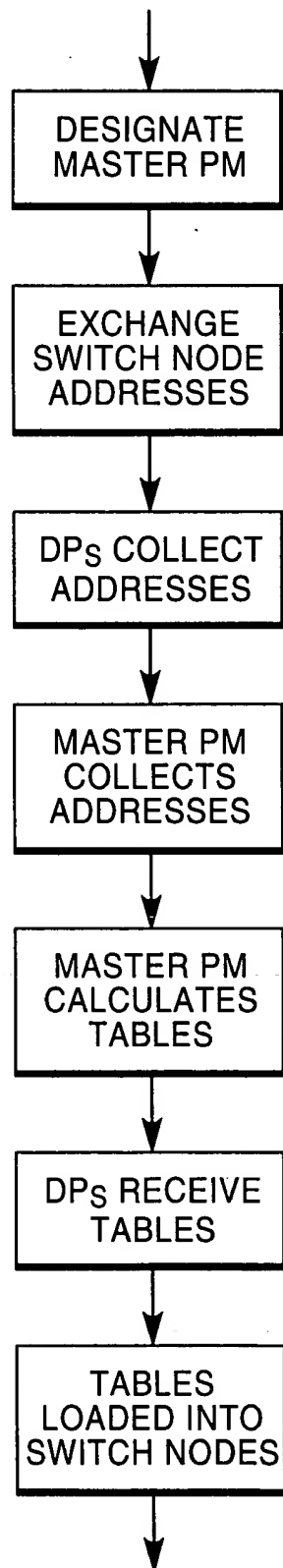
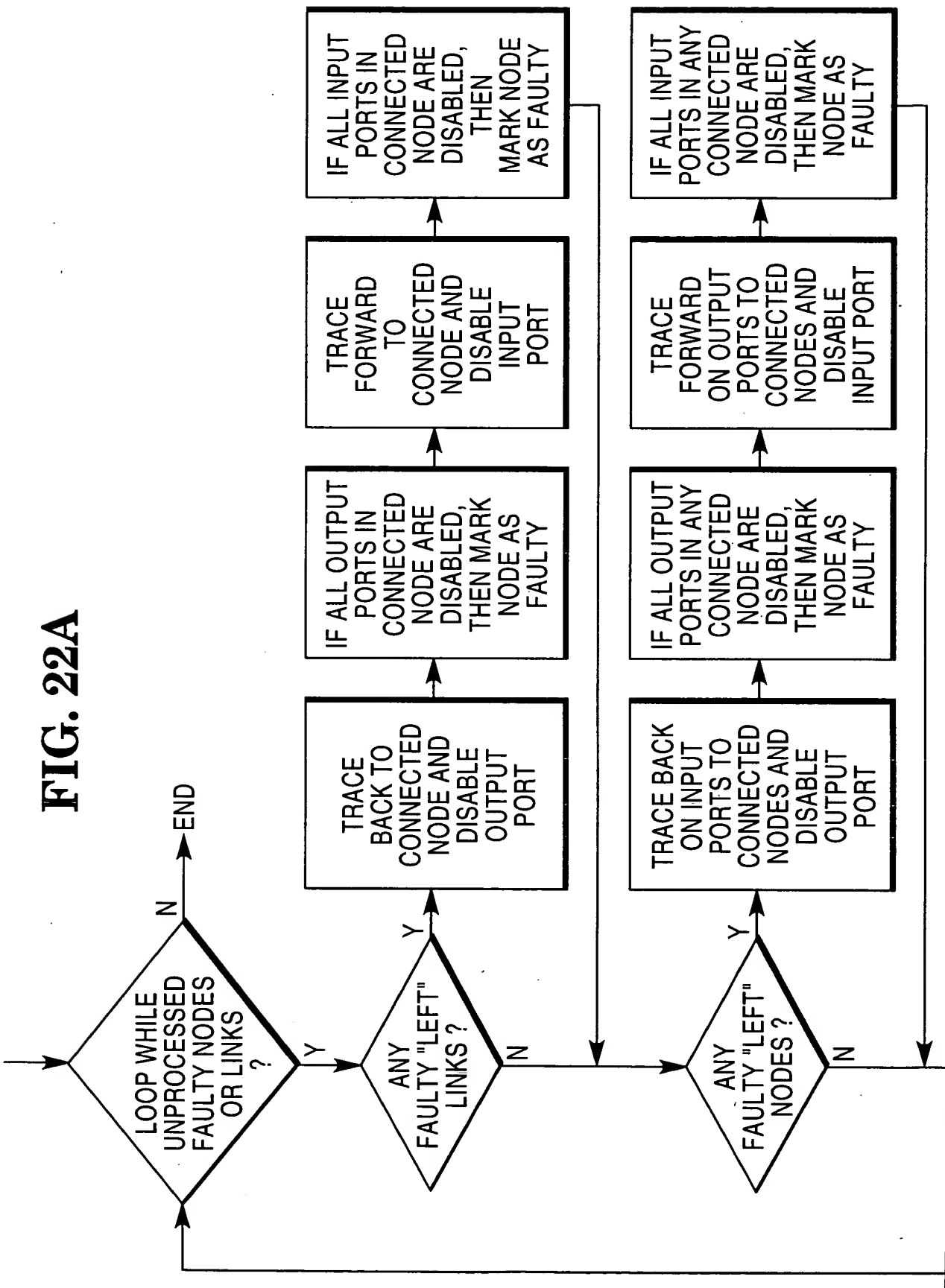


FIG. 22A



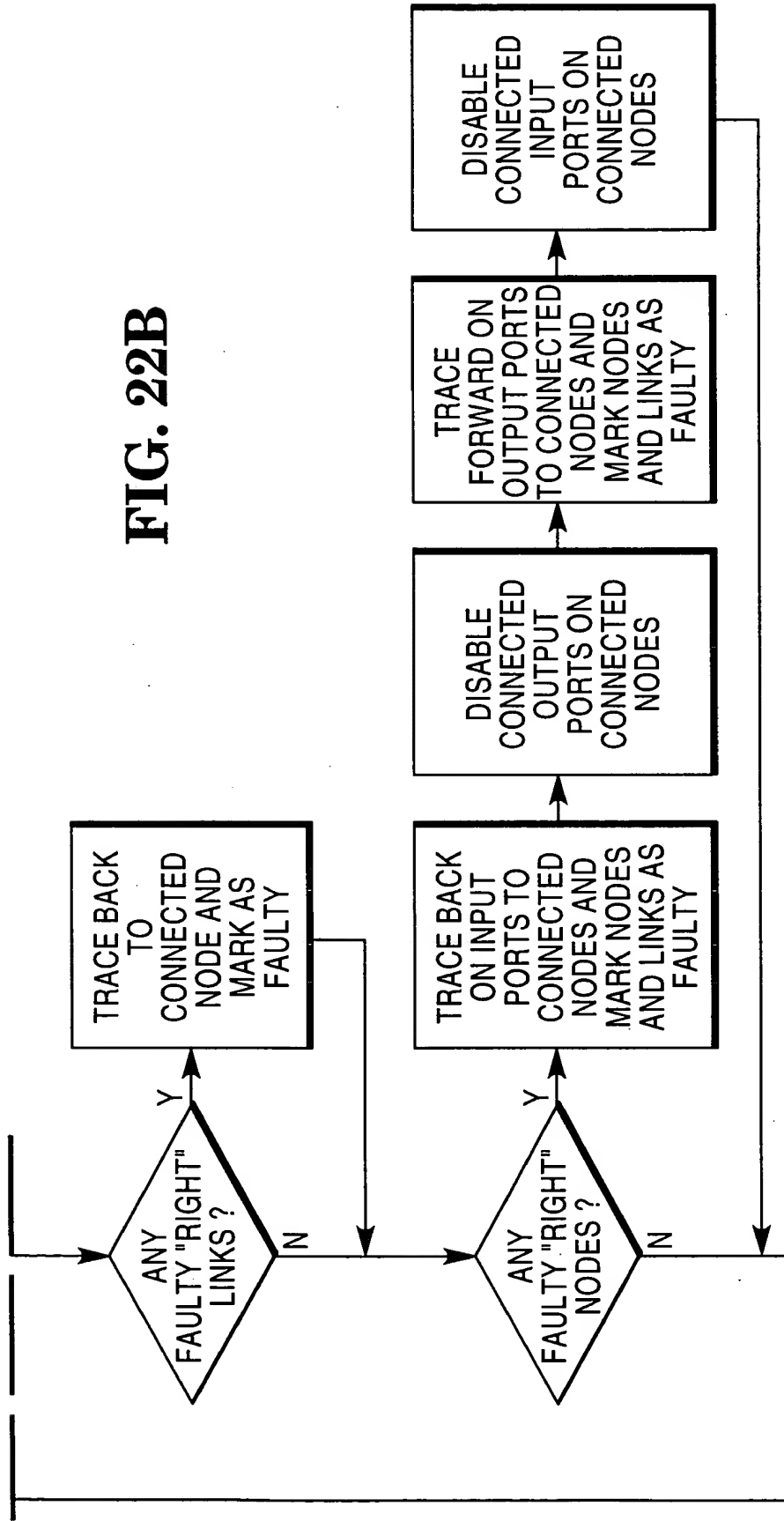


FIG. 23

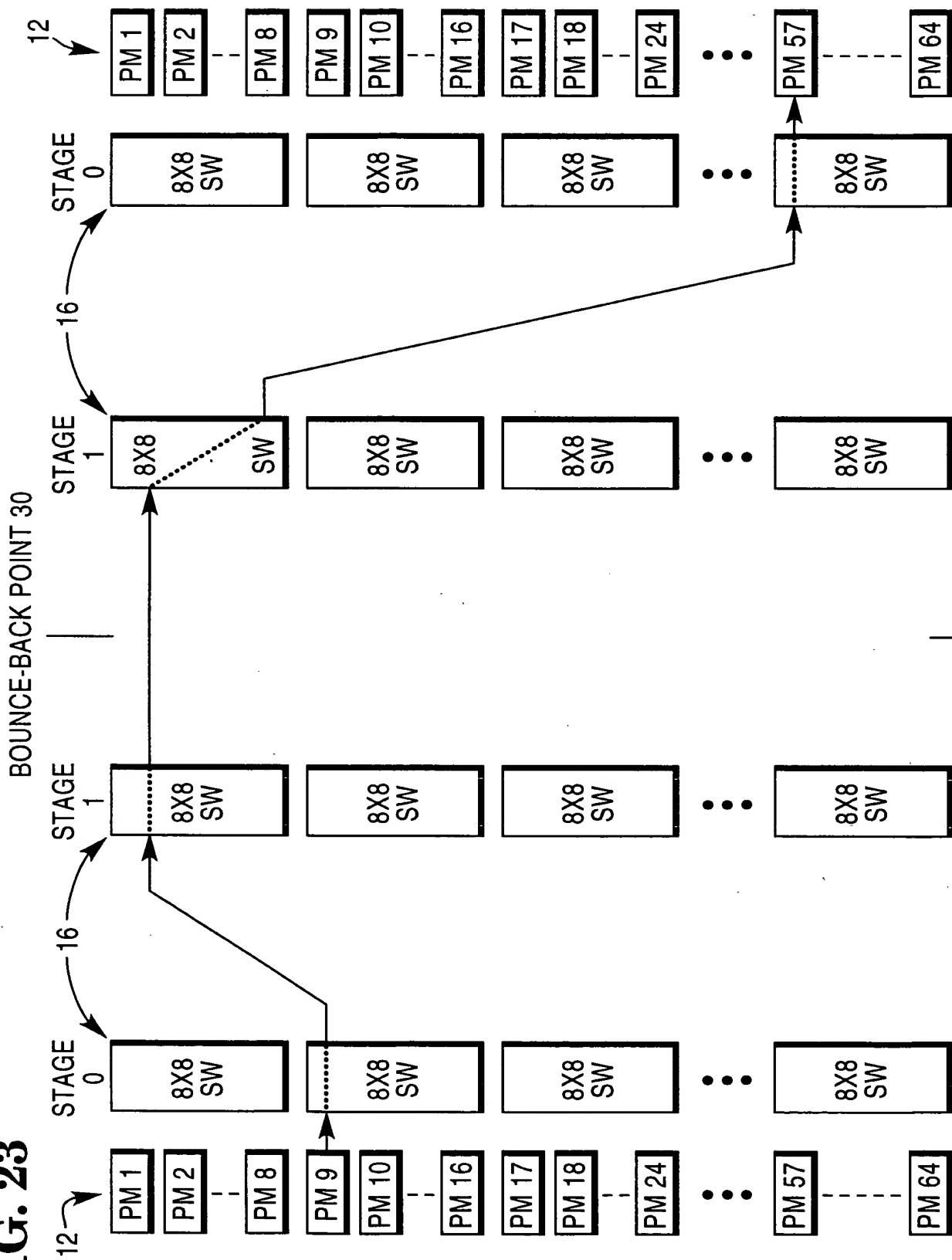


FIG. 24

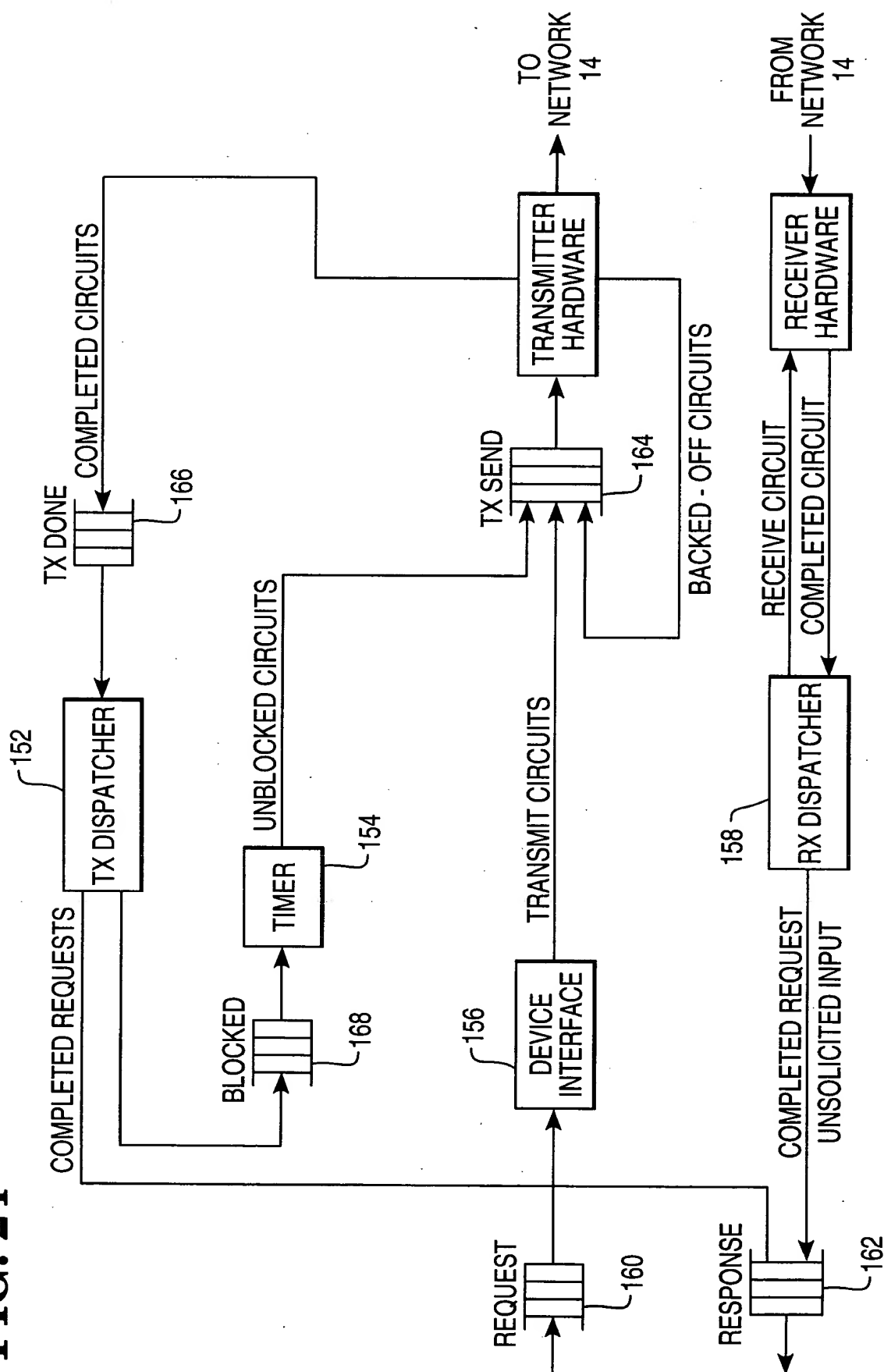


FIG. 25

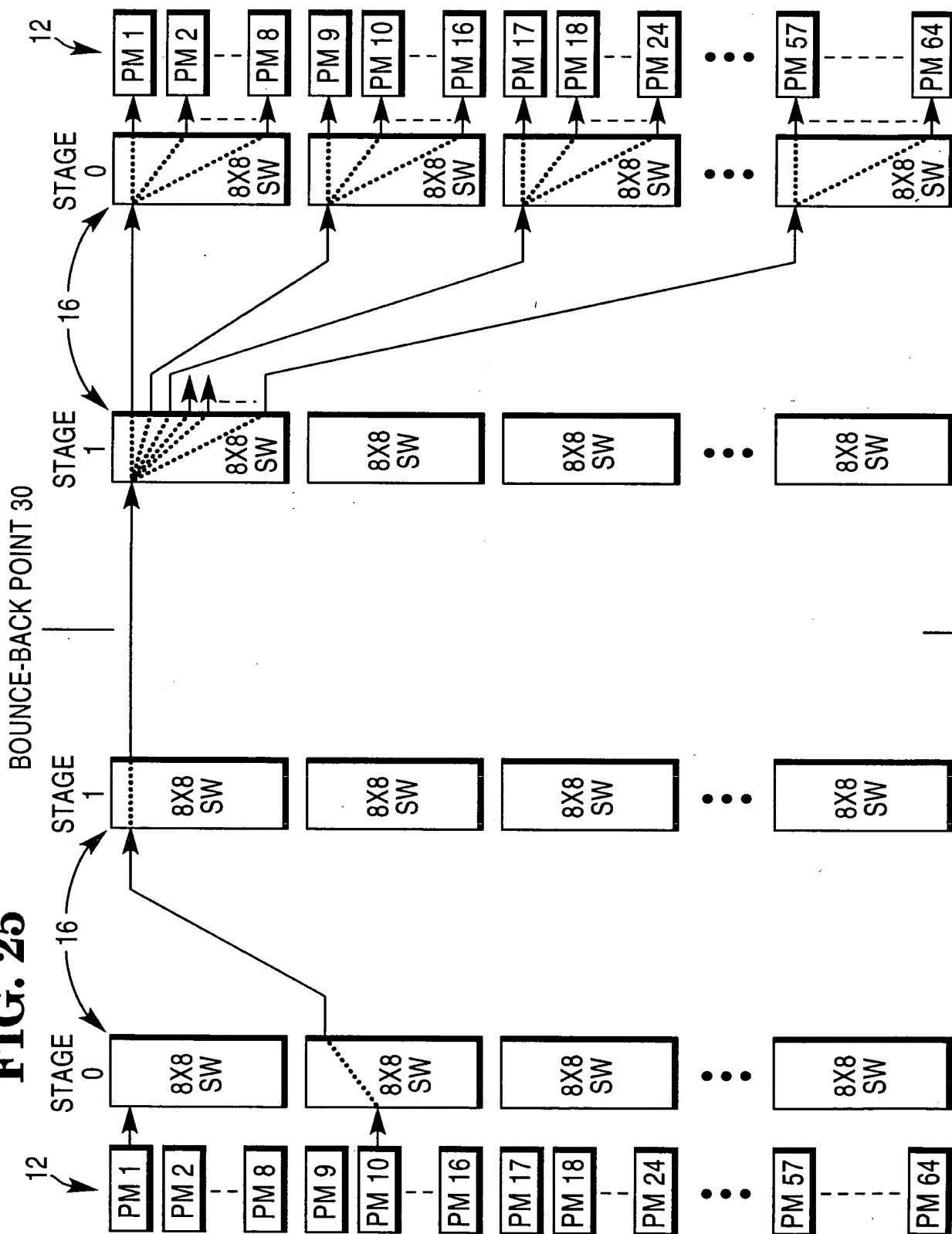


FIG. 26

